

Shanghai Protide Biotech Co.,Ltd.

BROTH
PROTEIN

Premium Animal Protein Ingredients

Pure Animal Protein Raw Materials For Food & Supplement Manufacturing.



Beef Protein Isolate

Bone Broth Protein Powder



Who We Are

Broth Protein™ is the animal protein ingredient brand of Protide Biotech — a Shanghai-based biotech subsidiary of ZXCHEM Group, established in 1995.
We do one thing: take animal-derived raw materials and turn them into high-purity, functional protein ingredients that formulators can rely on. CollaBeef™ is built on that foundation.

Our Expert Selection

As a dedicated animal protein ingredient manufacturer, Shanghai Protide Biotech scouts and audits top-tier production partners worldwide — ensuring every batch of CollaBeef™ meets the most stringent international standards for purity and performance.

Absolute Transparency

We believe in the power of transparency. By proudly showcasing our high-quality sourcing from China and backing our products with full BRC, HACCP, HALAL, and ISO 9001 certifications, we build the foundation of trust your brand deserves.

Validated by Global Standards

ISO 9001 QUALITY MANAGEMENT ISO 9001 · GMP CERTIFIED · KOSHER FOOD · FSSC · BRCGS

Agile Logistics:
Local Speed, Global Reach.



U.S.-based inventory available for immediate dispatch — no lead time from China required.

The Colla™ Series:
Precision Collagen-Rich Proteins

CollaBeef™ CollaBroth™

Colla™ FAMILY

Colla™ is a premium series of instant beef and bone broth proteins. Designed for clean-label, functional nutrition, the range covers high-purity isolates and bone broth powders, optimized for superior solubility and neutral-to-savory sensory profiles.

BROTH PROTEIN
The Instant Protein Continuum



CollaBeef™

Beef Protein Isolate

Functional Ingredient

High-Density Optimized for RTDs and Functional Nutrition.

Premium BPI | 90% Protein | Zero Sugar | Instant Dispersion


BEEF
PROTEIN
ISOLATE
CollaBeef™

2026-2027
NUTRITION SHIFTS



Dairy-Free

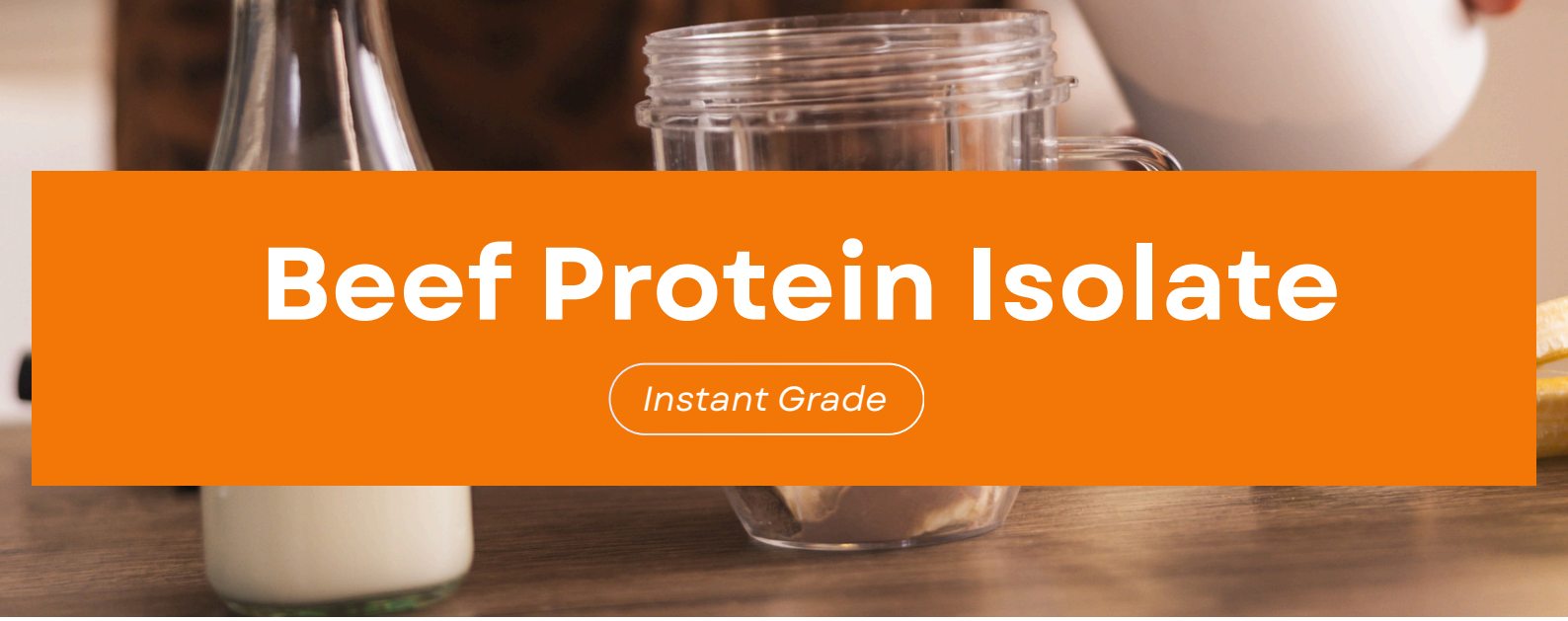
No bloating or allergens. Premium performance.

Build and Restore

Protecting both muscle and structural integrity.

Clean Label

No gums, no artificial colors – built for simple, transparent labels



Beef Protein Isolate

Instant Grade

Macro-Nutrient Profile

item	data
Appearance	
Solution	
Protein	≥90% (Dry Basis)
Fat	≤ 1.0%
Carbohydrates	0g
Sugar	0g
Calories	Low-Calorie Density
Allergens	Dairy-Free / Soy-Free / Gluten-Free

**CollaBeef™ removes all functional barriers (carbs, fat, allergens) to give your formulators total creative freedom.*



[Zero-Carb Matrix]



[High Purity Protein]

CollaBeef™

Protein Plus+ Agility:
Instantized for Peak Efficiency

[Anti-Clumping]

[Seamless Flow]

[Zero Wall-Cling]

1 Rapid Response
10-Second Cold-Water Dispersion.

Engineered for the elite athlete's pace. CollaBeef™ vanishes into cold water in seconds—zero clumps, zero residue, zero delay.

2 Industrial Velocity
Optimized for High-Throughput Production.

Superior particle consistency eliminates equipment clogging and mixing bottlenecks. Faster cycles, lower costs, maximum productivity.

3 Formulation Freedom
Crystal-Clear Sensory Performance.

Low viscosity and neutral flavor profile allow for high-loading protein in transparent RTDs and clean-label shakers.











Zero Clumping. Total Clarity.

Optimized for cold-water shakers and RTD formulations. 100% solubility meets neutral sensory performance—empowering your brand to lead the next generation of active nutrition.



The Performance Advantage:
Precision Fuel for the Active Body

Metabolic Fuel

High-purity protein that fuels muscle synthesis without the insulin spikes of carb-heavy alternatives. Perfect for lean mass and metabolic health formulations.

Joint Resilience

Naturally rich in collagen precursors that support connective tissue repair, making it a superior choice for high-impact sports nutrition.

Rapid Absorption

Pre-digested peptides optimized for rapid uptake. Ensures essential nutrients reach muscle and joint tissues efficiently during the critical post-workout recovery window.

Gut-Muscle Axis

[Digestive Resilience]

High Glutamic Acid support to maintain gut integrity during intense training.

Bio-Active Peptides

[Optimized Absorption]

< 5,000 Daltons for rapid uptake by muscle & joint tissues

Clean Energy

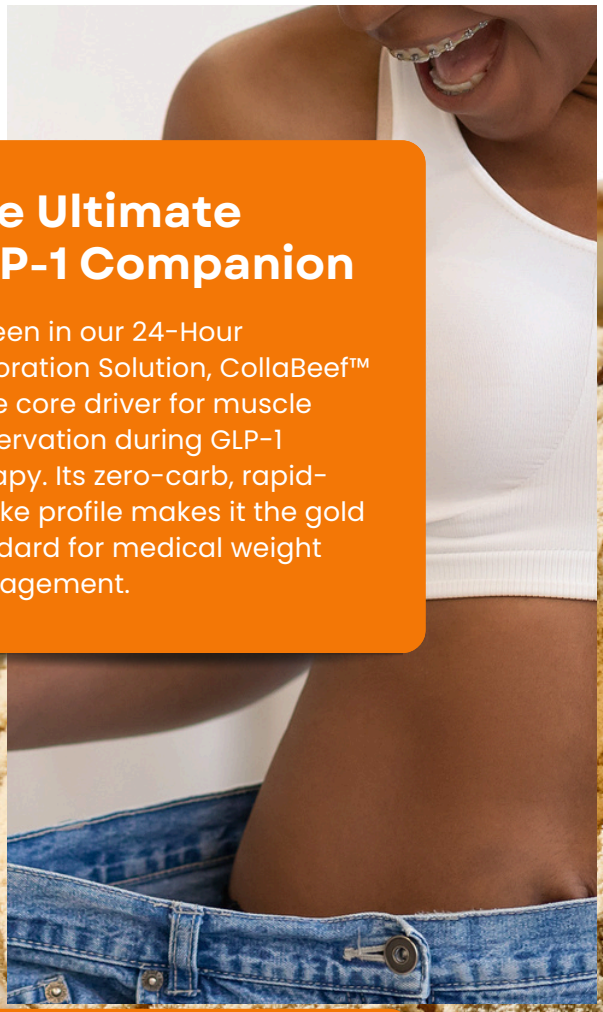
[Zero-Carb Recovery]

100% anabolic fueling without insulin spikes or sugar crashes.

Application Integration: Precision in Practice.

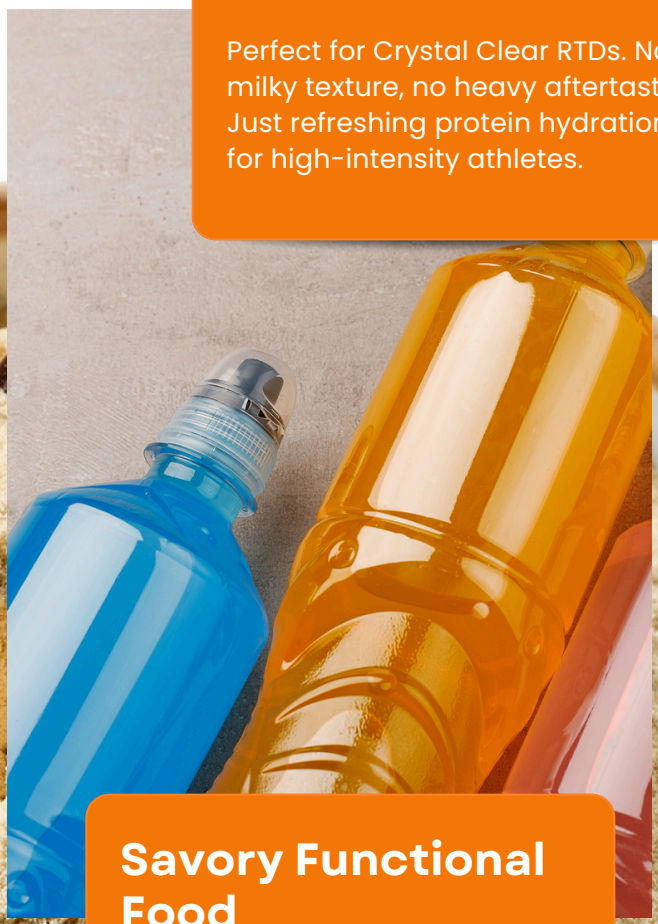
Clear-Water Performance

Perfect for Crystal Clear RTDs. No milky texture, no heavy aftertaste. Just refreshing protein hydration for high-intensity athletes.



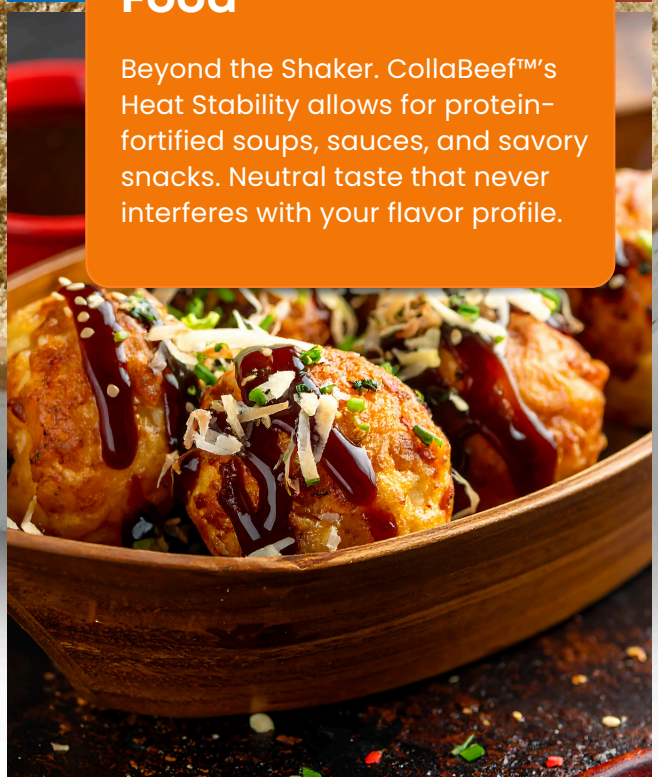
The Ultimate GLP-1 Companion

As seen in our 24-Hour Restoration Solution, CollaBeef™ is the core driver for muscle preservation during GLP-1 therapy. Its zero-carb, rapid-uptake profile makes it the gold standard for medical weight management.



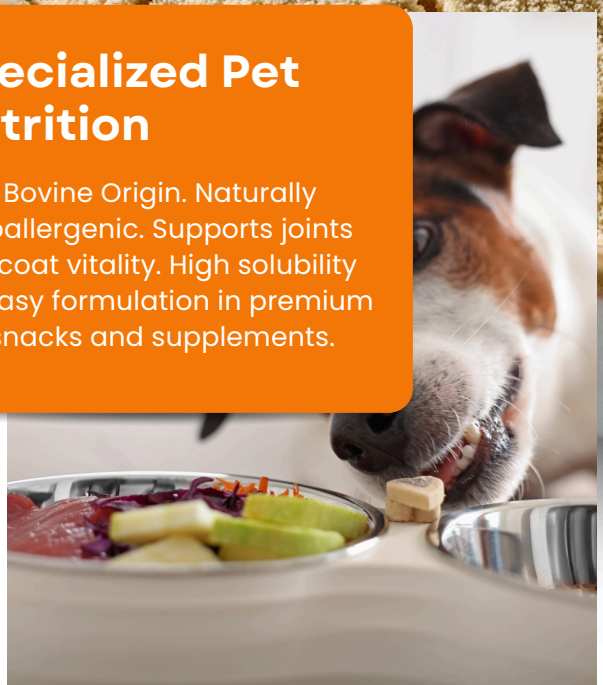
Savory Functional Food

Beyond the Shaker. CollaBeef™'s Heat Stability allows for protein-fortified soups, sauces, and savory snacks. Neutral taste that never interferes with your flavor profile.



Specialized Pet Nutrition

Pure Bovine Origin. Naturally hypoallergenic. Supports joints and coat vitality. High solubility for easy formulation in premium pet snacks and supplements.



BROTH PROTEIN
The Instant Protein Continuum



CollaBroth™

Bone Broth Protein Powder

Functional Ingredient

Naturally Sourced. Optimized for Holistic Wellness.

Clean Label | Type I & III Collagen | Zero Additives | Neutral Flavor


BONE BROTH
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CollaBroth™



Bone Broth Powder

Instant Grade

Not a Complete Protein.
A Collagen Protein System.

> *"**Whey protein** optimizes muscle synthesis. CollaBroth™ does something whey was never designed to do — rebuild the collagen matrix that holds your body together."*





	Whey Protein	CollaBroth™
Essential Amino Acids	✓ High	— Secondary
Glycine	<2%	19.5%
Hydroxyproline	0%	11%
Collagen Support	✗	✓
Bone Broth Origin	✗	✓
Instant Dispersing	Varies	✓

"CollaBroth™ is not competing with whey. It's completing what whey leaves unfinished."

CollaBroth™



Beef Bone Broth Powder

Instant Grade

[100% Bovine]

Technical Specification

	CollaBroth™ Clear Low-Fat	CollaBroth™ Classic
Appearance		
Source	100% Beef Bones, slow-cooked & spray-dried	100% Beef Bones, slow-cooked & spray-dried
Aroma	Clean, neutral profile	Mild natural lipid note, savory-forward
Lipid Content	<1%	Natural lipid retained
Sensory Positioning	Clean, balanced, modern	Full-bodied, savory-oriented
Protein (Dry Basis)	≥90%	≥90%
Fat	≤1.0%	Natural level
Carbohydrates	0g	0g
Sugar	0g	0g
Cholesterol	0mg	0mg
Collagen Type	Type I & III	Type I & III
pH Range	5.0 – 7.5	5.0 – 7.5
Instant Performance	Instant dispersion · High clarity · Zero residue	Instant dispersion · Low-fat performance · Full mouthfeel

Chicken Bone Broth Powder

Instant Grade

[100% Chicken]

Technical Specification

	CollaBroth™ Chicken Clear
Appearance	
Source	100% Chicken Bones, slow-cooked & spray-dried
Aroma	Mild, clean
Lipid Content	<1%
Sensory Positioning	Light, neutral, clean — ideal for modern formulations
Protein (Dry Basis)	≥90%
Fat	≤1.0%
Carbohydrates	0g
Sugar	0g
Cholesterol	0mg
Collagen Type	Type I & II
pH Range	5.0 – 7.5
Instant Performance	Mixes smoothly in hot & cold water · Zero cloudiness · Clean rinse-off



Protein Plus+ Agility:
CollaBroth™ Instantization



ZERO *Residue*

[Instant Hot & Cold Dispersion]

Fully disperses in both hot and cold water within seconds. No clumping, no gritty sediment, no delay. From scoop to sip, it delivers a perfectly smooth, clean-label finish every time.

ZERO *Compromise*

[Clean Rinse-Off Performance]

Zero wall-cling. Zero equipment buildup. Designed for high-throughput manufacturing lines — faster cycles, lower cleaning costs, and maximum industrial productivity.

ZERO *Interference*

[Neutral-to-Savory Sensory Profile]

Low viscosity. Clean finish. CollaBroth™ integrates into your formula without fighting it — transparent RTDs stay clear, while savory applications remain authentic and on-flavor.





The Restoration Advantage:

Gut. Joint. Whole Body.

Gut Barrier Integrity

Fortifies the delicate intestinal lining, reducing permeability and soothing the digestive tract—a fundamental intervention for gut wellness formulations.

Joint & Connective Tissue

Provides naturally occurring building blocks for cartilage and tendons, enhancing resilience and long-term mobility for athletes and aging demographics alike.

Bio-Active Nutrient Matrix

A synergy of naturally occurring collagen, minerals, and hyaluronic acid for holistic support, far more effective than isolated components.

Collagen Synthesis

[Deep Restoration]

Proline and Hydroxyproline drive collagen rebuilding from within — skin, joints, and connective tissue.

Gut Barrier

[Lining Repair]

Glycine reinforces intestinal wall integrity and reduces gut permeability.

Digestive Comfort

[Zero Irritants]

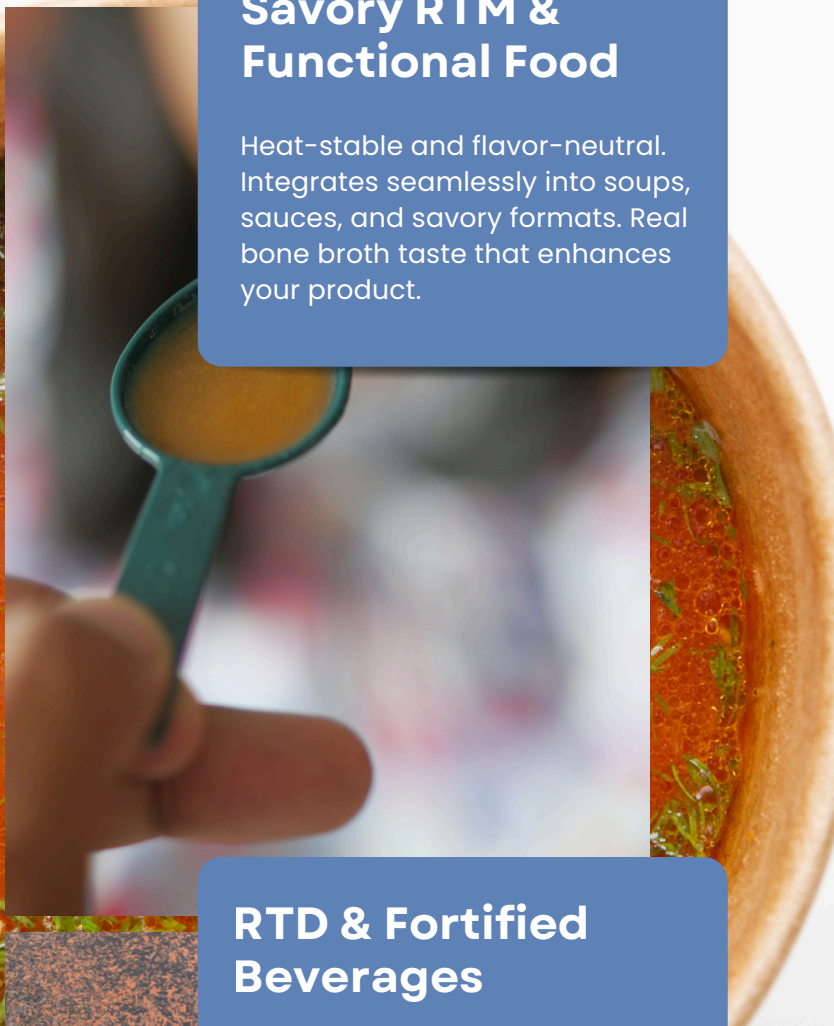
Dairy-free, lactose-free, additive-free. Gentle on sensitive digestive systems.

Application Integration:
Bone Broth Nutrition in Practice.



Daily Sipping & Gut Wellness

The clean daily ritual. Glycine-rich collagen nutrition that supports gut integrity and metabolic health — instant-dissolving, zero additives.



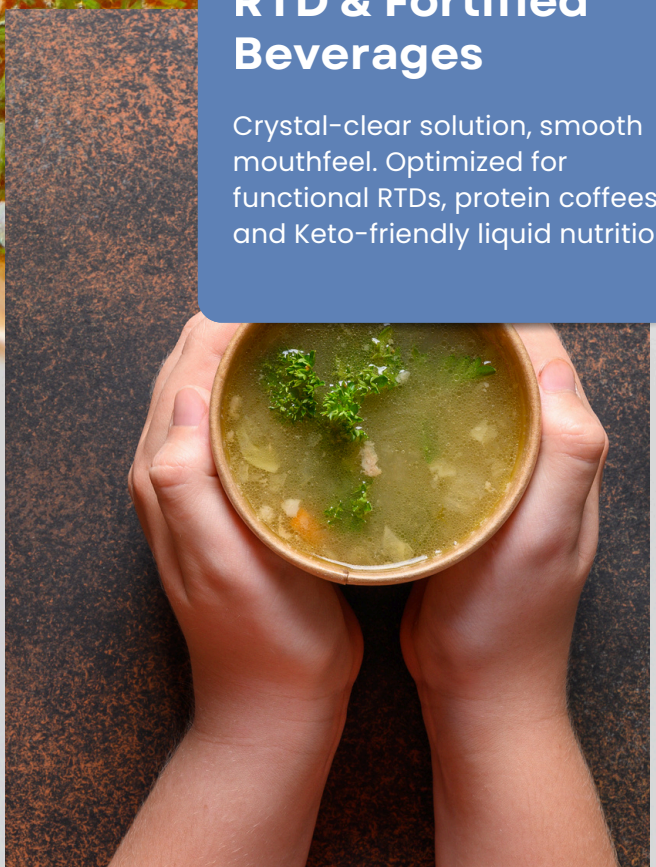
Savory RTM & Functional Food

Heat-stable and flavor-neutral. Integrates seamlessly into soups, sauces, and savory formats. Real bone broth taste that enhances your product.



Specialized Pet Nutrition

Pure origin. Hypoallergenic and collagen-rich. Supports joint health and coat vitality in premium pet toppers and supplements.



RTD & Fortified Beverages

Crystal-clear solution, smooth mouthfeel. Optimized for functional RTDs, protein coffees, and Keto-friendly liquid nutrition.

BROTH PROTEIN

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The Instant Protein Continuum