

# Proteins

Proteins are the basic building blocks for today's skin and hair care products. Proteins isolated from a variety of sources are offered and possess properties that are essential for the care and protection of both skin and hair.

Product	INCI Designation	Properties	Use Level
<b>Animal Proteins</b>			
Hydrokeratin AL-30 PF	Hydrolyzed Keratin	Provides a moisture-retentive film affording a protective colloid effect	3.0–5.0 %
Keramino 25 PF	Keratin Amino Acids	Excellent moisturizer and film-former	3.0–5.0 %
Quat-Keratin WKP PF	Cocodimonium Hydroxypropyl Hydrolyzed Keratin	Moisturizes skin and hair; functions as a primary hair conditioner and detangler	3.0–5.0 %
Solu-Lastin 30 PF	Hydrolyzed Elastin	Excellent moisturizer and film-former	1.0–3.0 %
<b>Marine Proteins</b>			
Solu-Coll M	Soluble Collagen (Marine)	Tropocollagen, excellent moisturizer and film-former	3.0–6.0 %
Solu-Mar Elastin PF	Hydrolyzed Elastin	Excellent moisturizer and film-former	0.5–5.0 %
Solu-Mar Elastin SD	Hydrolyzed Elastin	Spray-dried powder elastin; excellent moisturizer and film-former	0.5–5.0 %
Solu-Mar Native 1% Phenoxy JP	Soluble Collagen	Tropocollagen, excellent moisturizer and film-former	1.0–10.0 %
<b>Milk Proteins</b>			
Hydromilk EN-20	Hydrolyzed Milk Protein	Excellent film-former; moisturizes/nourishes the skin; protects against drying; restorative properties	1.0–3.0 %
Milkamino 20 PF	Milk Amino Acids	Excellent film-former; moisturizes and nourishes the skin; protects against drying	1.0–3.0 %
<b>Silk Proteins</b>			
Fibro-Silk Powder JP	Silk	Improves moisture retention; film-forming	0.5–2.0 %
Solu-Silk Protein 20 PF	Hydrolyzed Silk	Forms moisture retentive films	1.0–10.0 %
Solu-Silk Protein PF	Hydrolyzed Silk	Forms moisture retentive films	1.0–10.0 %
Solu-Silk 25 PF	Silk Amino Acids	Salt-free version. Forms moisture retentive films	1.0–10.0 %

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<b>Plant Proteins</b>			
Amaranth Pro ECT	Hydrolyzed Amaranth Protein	rganically based film-former; offers moisturizing properties; non-GMO based; offers good compatibility in all cosmetic formulations	5.0–20.0 %
Phytokeratin™ PF	Hydrolyzed Corn Protein & Hydrolyzed Wheat Protein & Hydrolyzed Soy Protein	A plant alternative to animal-based keratin. Keeps skin soft& supple; strengthening and conditioning agent for hair. Film-former	1.0–5.0 %
Oleo Phytokeratin™ SH	AMP-Isostearyl Wheat/Corn/Soy Amino Acids	A plant alternative to animal-based keratin. Keeps skin soft& supple; strengthening and conditioning agent for hair. Film-former. Oleo version offers enhanced compatibility with oil	1.0–5.0 %
Quat Phytokeratin™ PF	Hydroxypropyltrimonium Corn/Wheat/Soy Amino Acids	A plant alternative to animal-based keratin. Keeps skin soft& supple; strengthening and conditioning agent for hair. Film-former. Quat version is for enhancing substantivity to skin and hair	1.0–5.0 %
Quat-Wheat CDMA 30 PF	Cocodimonium Hydroxypropyl Hydrolyzed Wheat Protein	Provides softening and conditioning effects on both skin and hair; film-former	0.5–5.0 %
Rice-Pro EN-20 PF	Hydrolyzed Rice Protein	Film-former with excellent moisturizing properties; alternative to animal-derived proteins	1.0–5.0 %
Solu-Soy EN-25 PF	Hydrolyzed Soy Protein	Offers moisturizing benefits to skin & hair; film-former	2.0–5.0 %
Solu-Veg EN-35 PF	Hydrolyzed Vegetable Protein	Offers moisturizing benefits to skin & hair; film-former	2.0–5.0 %
Wheat Amino 30 PF	Wheat Amino Acids	Offers moisturizing benefits to skin & hair; film-former	1.0–3.0 %
Wheat-Pro EN-20 PF	Hydrolyzed Wheat Protein & Hydrolyzed Wheat Starch	Film-former with good tactile properties	2.0–5.0 %
Wheat-Pro WS	Hydrolyzed Wheat Protein & Hydrolyzed Wheat Starch	Film-former with good tactile properties on drying	2.0–5.0 %
<b>Foaming Polypeptides (Various Sources)</b>			
Amaranth S	Sodium Cocoyl Hydrolyzed Amaranth Protein	Organically based secondary surfactant offering a soft, gentle feel without irritation; film-former	5.0–20.0 %
Foam-Coll 4C PF	Potassium Cocoyl Hydrolyzed Collagen	Excellent foaming/cleansing properties; film-former	3.0–20.0 %
Foam-Coll 4CM PF	Potassium Cocoyl Hydrolyzed Collagen (Marine)	Offers excellent foaming and cleansing capabilities; compatible with hair dyes/relaxers; film-former	3.0–20.0 %
Foam-Soy C BV	Sodium Cocoyl Hydrolyzed Soy Protein	Provides rich, natural lather & mild cleansing; film-former	3.0–20.0 %

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