

Benefits:

- Provides a high content of protein in a small dose.
- Easily absorbed.
- May be used with feeding tubes - does not clog tube.
- Ready to use, no mixing required.
- Helps to repair tissues and prevent tissue breakdown.
- Does not contain fat, phosphorus, lactose or gluten.
- Is cost effective.
- Has long shelf life.
- Provides all indispensable and dispensable amino acids.
- May be mixed with any food or beverage the patient may choose.

Applications:

- For adults and children in need of extra protein
- Supports fluid restrictions
- Elevated protein needs with fluid restrictions associated with ESRD/Dialysis
- High protein diets
- Protein supplementation in tube feedings
- Low albumin levels
- Supports muscle repair and rebuilding
- Pressure ulcers and Diabetic foot ulcers
- Non-healing surgical wounds
- Burn injuries
- Post bariatric surgery
- HIV/AIDS
- Cancer
- Anorexia

KEEP THIS AND ALL MEDICATIONS OUT OF THE REACH OF CHILDREN

Warning Phenylketonurics: contains phenylalanine. Store at room temperature 15°-30°C (59°-86°F).

PROCEDURE FOR ADDING PROTEINEX® TO ENTERAL FEEDINGS:

1. Feeding tubes should be flushed prior to administration.
2. Measure and administer the proper dosage.
3. Administer PROTEINEX® as you would any medication, via the Y-Port or straight into the NG or G-tube depending on the patient's G-tube setup.
4. Following administration of PROTEINEX® flush the tube with 30cc - 50cc of water.

NOTE: Do NOT add PROTEINEX® (or any other substance to an open or closed system of the tube feeding formula or into a container of enteral feeding prior to administering. (This is recommended for HACCP/infection control purposes).

- PROTEINEX® is a liquid predigested protein sources. The product is already broken down to its amino acid portions that the body can easily assimilate and absorb.
- There are twenty different amino acids that can be combined in an almost infinite number of ways to make up all of the thousands of proteins your body may need. Of these twenty, the human body manufactures ten and the other ten indispensable amino acids must be supplied by dietary intake. The ten indispensable amino acids are Arginine, Histidine, Leucine, Isoleucine, Lysine, Methionine, Phenylalanine, Threonine, Valine and Tryptophan.
- Studies on Arginine have shown that it improves immune responses to bacteria, viruses and tumor cells. It has also been found to promote wound healing and aids in regeneration of the liver. It also aids in the release of growth hormones.
- Histidine is found in large quantity in blood hemoglobin. It has been used in the treatment of rheumatoid arthritis, allergic diseases, ulcers and anemia. A deficiency of Histidine can result in a hearing deficit.
- Leucine and Isoleucine provide ingredients for the synthesizing of other essential biochemical components which are utilized in energy production, stimulation of the brain cumex and mental alertness.
- Lysine ensures the adequate absorption of calcium, helps form collagen, aids in antibody, hormone and enzyme production. A lysine deficiency may result in tiredness, lack of focus, irritability, slow growth, hair loss or anemia.
- The main supplier of sulfur for maintaining hair, skin and nails is Methionine. It helps lower cholesterol by increasing the liver's output of lecithin. It is also a natural chelating agent for heavy metals.
- Phenylalanine is utilized by the brain in producing norepinephrine, a compound used to transmit signals between the brain and nerve cells. It also supports alertness and memory as well as reduces hunger pangs.
- Threonine is utilized in collagen, elastin and enamel protein. It helps the intestinal tract to function smoothly as well as assist in metabolism and nutrient assimilation.
- Tryptophan is a precursor for serotonin (a neurotransmitter), melatonin (a neurohormone), and niacin, and is considered by many as a good sleep inducing agent.
- When the human body is injured, it will utilize these amino acids for healing. But if one or more of the indispensable amino acids is missing due to poor diet then the repair cannot be made and further breakdown of the body will likely follow.
- All PROTEINEX® products contain all the indispensable amino acids as well as the dispensable amino acids. A one ounce dose of PROTEINEX® provides between 15-18 grams of pure predigested protein with zero fat, sugar, phosphorus or carbohydrates.
- Kosher(K)-The pharmaceutical gelatin has been specially prepared and approved as Kosher and Pareve for year round and Passover use in accordance with Jewish Law.

Disclaimer: The information contained above is intended for general reference purposes only. It is not a substitute for professional medical advice or a medical exam. Always seek the advice of your physician or other qualified health professional before starting any new treatment.



P.O. Box 720008, Miami, Florida 33172
Tel.: 305.716.0595 / Fax: 305.716.5185
Toll Free: 1.866.595.5598

Visit us on the web: www.llorenspfarm.com

PROTEINEX®

LIQUID PREDIGESTED PROTEIN



Building blocks for the human body.

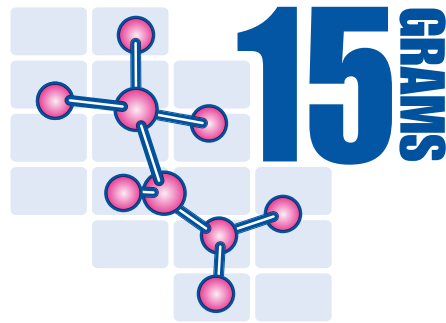
A Significant Source of Protein
which supplies all indispensable amino acids.
Derived by Hydrolyzing the Animal Protein Collagen

Visit us on the web: www.llorenspfarm.com

PROTEINEX[®]

Liquid Predigested Protein

NO Fat • NO Sorbitol • NO Lactose • NO Gluten • NO Phosphorus



Item Number: NDC:54859-515-16

Supplied in bottles of 1oz, 8oz, 16oz. & 30oz.

Nutritional information per serving:

Serving Size:
Two tablespoons (30ml)

Protein (grams)	15
Calories	60
Fat (grams)	0
Sugar	0
Phosphorus	0
Carbohydrates (grams)	0
Sodium (mg)	4
Potassium (mg)	11

PROTEINEX[®] AMINO ACID PROFILE (G/100G OF PROTEIN)

Arginine*	3.43-3.78	Aspartic acid	2.73-2.89
Histidine*	0.44-0.56	Cystine	0.04-0.05
Isoleucine*	0.62-0.66	Glutamic acid	4.09-4.56
Leucine*	1.32-1.42	Glycine	8.74-11.90
Lysine*	1.75-1.89	Hydroxyproline	5.68-6.30
Methionine*	0.68-0.70	Hydroxylysine	0.675
Phenylalanine*	0.83-0.91	Proline	5.62-6.00
Threonine*	0.85-0.96	Serine	1.55-1.66
Tryptophan*	0.56-0.76	Tyrosine	0.29-1.09
Alanine	3.19-4.23	Valine*	0.97-1.09

*Indispensable Amino Acids

Percent dissolved Collagen in PROTEINEX[®] Liquid: 45 to 49%

Contains: Purified water, hydrolyzed collagen, L-Tryptophan, potassium sorbate, calcium saccharin, propylene glycol, methylparaben, propylparaben, natural and artificial flavors.

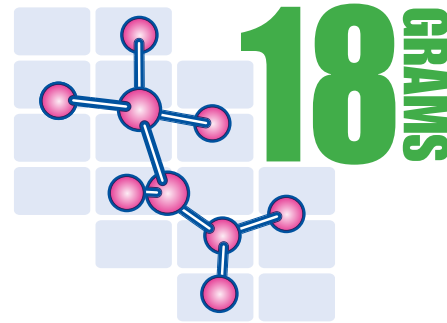
Percentage of U.S. recommended daily allowances (U.S. RDA) Protein...30%. Contains less than 2% of the U.S. RDA of Vitamin A, Vitamin C, Thiamine, Riboflavin, Niacin, Calcium and Iron.

K

PROTEINEX[®]

Liquid Predigested Protein

NO Fat • NO Sorbitol • NO Lactose • NO Gluten • NO Phosphorus



Item Numbers: NDC:54859-525-16

NDC:54859-535-16

Supplied in bottles of 1oz, 8oz, 16oz. & 30oz.

Nutritional information per serving:

Serving Size:
Two tablespoons (30ml)

Protein (grams)	18
Calories	72
Fat (grams)	0
Sugar	0
Phosphorus	0
Carbohydrates (grams)	0
Sodium (mg)	5
Potassium (mg)	13

PROTEINEX[®] AMINO ACID PROFILE (G/100G OF PROTEIN)

Arginine*	3.72-5.04	Aspartic acid	2.84-3.84
Histidine*	0.51-0.69	Cystine	0.051-0.069
Isoleucine*	0.65-0.89	Glutamic acid	4.39-5.93
Leucine*	1.39-1.89	Glycine	10.52-14.24
Lysine*	1.47-2.89	Hydroxyproline	6.12-8.28
Methionine*	0.71-0.95	Hydroxylysine	0.825
Phenylalanine*	0.84-1.14	Proline	5.92-8.00
Threonine*	0.91-1.23	Serine	1.64-3.57
Tryptophan*	0.67-0.91	Tyrosine	0.73-0.95
Alanine	3.78-5.12	Valine*	1.07-1.41

*Indispensable Amino Acids

Lemon Lime & Black Cherry Flavors

Percent dissolved Collagen in PROTEINEX[®] Liquid: 54 to 59%

Contains: Purified water, hydrolyzed collagen, L-Tryptophan, potassium sorbate, methylparaben, propylene glycol, propylparaben, calcium saccharin, natural and artificial flavor.

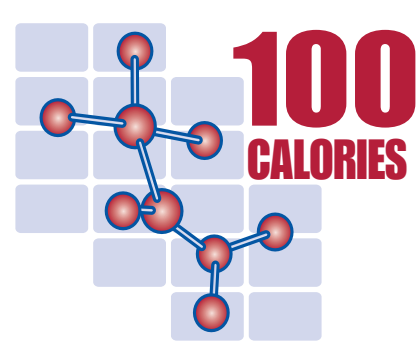
Percentage of U.S. recommended daily allowances (U.S. RDA) Protein...36%. Contains less than 2% of the U.S. RDA of Vitamin A, Vitamin C, Thiamine, Riboflavin, Niacin, Calcium and Iron.

K

PROTEINEX[®]

Liquid Predigested Protein

NO Fat • NO Sorbitol • NO Lactose • NO Gluten • NO Phosphorus



Item Numbers: 54859-545-30
54859-545-01

Supplied in bottles of 1oz, 16oz & 30oz.

Nutrition Facts

Serving Size: 2 tablespoons (30 mL)

Amount Per Serving	
Calories	100
Calories From Fat 0g	
	% Daily Value*
Protein	18g 36%
Carbohydrates	10.64g 3.6%
Sugar	5.25g
Fat	0g 0%
Sodium	5mg < 1%
Phosphorus	0 0%
Potassium	13mg < 1%

* Percent Daily Values (DV) are based on a 2,000 calorie diet. Your Daily Values may be higher or lower depending on your calorie needs. Contains less than 2% of the U.S. RDA of Vitamin A, Vitamin C, Thiamine, Riboflavin, Niacin, Calcium and Iron.

18g and 100 calories per dose

Percent dissolved Collagen in PROTEINEX[®]-100 CALORIES Liquid: 54 to 59%

Contains: Purified Water, Hydrolyzed Collagen, Sucrose, L-Tryptophan, Propylene Glycol, Potassium Sorbate, Methylparaben, Propylparaben, Calcium Saccharin, Natural and Artificial flavor.

Percentage of U.S. recommended daily allowances (U.S. RDA) Protein...36%. Contains less than 2% of the U.S. RDA of Vitamin A, Vitamin C, Thiamine, Riboflavin, Niacin, Calcium and Iron.

K