

Protobex[®] plus

Syrup

Composition:

Ingredient	5ml	15ml
Protein Hydrolysate (soya + casein+ whey)	2.5gm	7.5gm
Elemental iron	5mg	15mg
Vitamin B12 I.P	1.67mcg	5mcg
Vitamin B6 I.P	0.5mg	1.5mg
Niacinamide I.P	8.33mg	25mg
Zinc sulphate I.P equivalent to zinc	2.5mg	7.5mg
Magnesium chloride I.P	3.33mg	10mg
Manganese chloride USP	0.03mg	0.9mg
Copper sulphate pentahydrate USP, equivalent to elemental copper	40mcg	120mcg
Folic acid IP	1mg	3mg
Flavoured syrup base	q.s	q.s

Description:

NUTRIENT BENEFITS

- Protein (Soya)
 - ✓ Contains all eight essential amino acids.
 - ✓ Has 1.0 PDCAAS.
 - ✓ Contains no cholesterol & is low in saturated fat.
 - ✓ Helps reduce serum concentrations of total cholesterol, LowDensity Lipoproteins (LDLs) & triglycerides.
- Protein (Casein)
 - ✓ Provides the highest quality of all Essential Amino Acids.
 - ✓ A rich source of glutamine & arginine.
 - ✓ Has high tyrosine-tryptophan amino acid ratios (almost 5:1).
 - ✓ Stable during processing, preserves the nutritive value.
- Protein (Whey)
 - ✓ Highest biological Value.
 - ✓ High bioavailability, allows faster uptake into muscle cells.
 - ✓ Provides the highest quality of all Essential Amino Acids.



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✓ Rich source of glutamine, cysteine, calcium & phosphorus.

- Iron

Necessary for haemoglobin formation and for oxidative processes.

- Vitamin B12

Essential for growth, cell reproduction, hematopoiesis & nucleoprotein & myelin synthesis. Participates in red blood cell formation.

- Pyridoxine

Involved in amino acid metabolism, carbohydrate & fat metabolism. Required for the formation of haemoglobin.

- Niacinamide

Functions as part of 2 coenzymes present in all cells, nicotinamide adenine dinucleotide (NAD) & nicotinamide adenine dinucleotide phosphate (NADP). These coenzymes participate in glycogenolysis, fatty acid metabolism & tissue respiration.

- Zinc

Normal growth & tissue repair depend upon adequate zinc. Acts as an integral part of several enzymes important to protein & carbohydrate metabolism.

- Magnesium

Potassium cannot be retained in soft tissues & leaks out if magnesium is deficient. Required for the absorption & utilization of calcium. Required for normal activity of 300 enzymes. Important stabilizer of polynucleic acids, substances where genetic information is stored.

- Manganese

Cofactor in many enzyme systems. Stimulates synthesis of cholesterol & fatty acids in the liver & influences mucopolysaccharide synthesis.

- Copper

Cofactor for serum ceruloplasmin, an oxidase necessary for proper formation of the iron carrier protein, transferrin. Helps maintain normal rates of RBC & WBC formation.

- Folic Acid

Necessary for DNA & RNA synthesis. Essential for the growth/reproduction of all body cells. Works with vitamin B12 in the formation of RBCs.

Indication:

PROTOBEX Plus Syrup is a nutritive supplement indicated in

- Growing children



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- Pregnant & lactating women
- Underweight & malnourished patients
- Elderly
- Post-operative & during convalescence

Contraindication:

The use of PROTOBEX Plus Syrup is contraindicated in patients with hypersensitivity to any of the ingredients of the formulation.

Drug Interaction:**Adverse effects:**

No adverse reactions have been reported with the use of PROTOBEX Plus Syrup.

Warnings and Precautions:

There are no known restrictions to the use of PROTOBEX Plus Syrup.

Use in special population:

1. **Pediatric:** Safe.
2. **Geriatric:** Safe.
3. **Liver impairment:** No data available.
4. **Renal failure:** No data available.
5. **Pregnancy and lactation:** PROTOBEX Plus Syrup may be used during pregnancy and lactation.

Dosage:

- Adults: 1 tablespoonful (15 ml.) twice a day after meals.
- Children: (Above one year) 1-2 teaspoonful (5-10 ml.) twice a day after meals, or
- As directed by the Physician.

Presentation:

PROTOBEX Plus Syrup is available in a bottle of 200 ml.

Storage and handling:

Store in a dark place below 30°C



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