

Bioprem™ *Softgel Capsule*

Biotin

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Composition

Bioprem™ 1 Softgel Capsule: Each softgel capsule contains Biotin 1 mg.

Bioprem™ 2.5 Softgel Capsule: Each softgel capsule contains Biotin 2.5 mg.

Bioprem™ 5 Softgel Capsule: Each softgel capsule contains Biotin 5 mg.

Bioprem™ 10 Softgel Capsule: Each softgel capsule contains Biotin 10 mg.

Pharmacology

Biotin is an essential vitamin that is also known as vitamin B7 or vitamin H. It is involved in vital physiological function like fatty acid synthesis, amino acid catabolism and gluconeogenesis. It acts as a cofactor in the enzymatic carboxylation of pyruvate and acetyl-CoA. Biotin influences the growth and differentiation of epidermal cells and is therefore important for the formation and renewal of the skin, hair and nails. It functions as a coenzyme for mitochondrial carboxylases in hair roots and improves the keratin structure. Biotin deficiency may result in hair loss and a variety of systemic symptoms such as dermatitis, and aciduria. Biotin is one of the most prescribed nutritional supplements for any kind of hair loss.

Indications

Bioprem™ is indicated in hair loss, weak, brittle, splitting or soft nails, eczema & dermatitis.

Dosage & Administration

Biotin dose varies depending on disease condition and age group. Generally 1-3 Softgel Capsule per day or as advised by the physician. In children Biotin deficiency affects between 1 week and 2 years of age and usually exhibit seizures, hypotonia, developmental delay, ataxia, hyperventilation and coma. In this case, 5-10 Softgel Capsules (1 mg) should be taken daily after mixing the inner content of the softgel capsules with water or any kind of juice or as advised by the physician.

Drug Interaction

There are indications that anticonvulsant drugs lower the plasma level of biotin. Antibiotic use may decrease the biotin contribution to the body made by the microflora of the large intestine. Excessive consumption of raw egg whites interferes with biotin absorption.

Contraindications

Contraindicated in patients with known hypersensitivity to any of the ingredients.

Side Effect

Well tolerated in recommended dose. No biotin toxicity has been reported in individual supplemented with as much as 200 mg orally or 20 mg intravenously per day.

Pregnancy & Lactation

Sufficient clinical data is not available to use in pregnant women and lactating mother.

Storage Conditions

Store at dry place below 25 °C. Protect from direct sunlight & moisture. Do not freeze. Keep out of reach of the children.

How Supplied

Bioprem™ 1 Softgel Capsule: Each Box contains 30 Softgel Capsule in blister pack.

Bioprem™ 2.5 Softgel Capsule: Each Box contains 30 Softgel Capsule in blister pack.

Bioprem™ 5 Softgel Capsule: Each Box contains 30 Softgel Capsule in blister pack.

Bioprem™ 10 Softgel Capsule: Each Box contains 20 Softgel Capsule in blister pack.

Manufactured by

SQUARE PHARMACEUTICALS PLC.

HERBAL DIVISION

BSCIC, Pabna, Bangladesh

TM -Trade Mark.

