

Human BSP11 Protein

Cat. No. BSP-HM101

Description

Source	Recombinant Human BSP11 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Phe17-Gln317.
Accession	P21815
Molecular Weight	The protein has a predicted MW of 34.3 kDa. Due to glycosylation, the protein migrates to 70-80 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE

Formulation and Storage

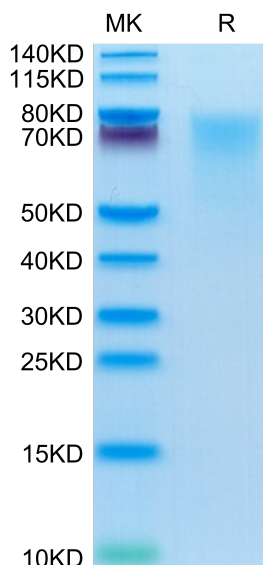
Formulation	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

IBSP (Integrin Binding Sialoprotein) is a Protein Coding gene. Diseases associated with IBSP include Fibrous Dysplasia and Chondromalacia. Among its related pathways are Degradation of the extracellular matrix and Cytoskeletal Signaling. The protein encoded by this gene is a major structural protein of the bone matrix. It constitutes approximately 12% of the noncollagenous proteins in human bone and is synthesized by skeletal-associated cell types, including hypertrophic chondrocytes, osteoblasts, osteocytes, and osteoclasts.

Assay Data

Bis-Tris PAGE



Human BSP11 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.