

Mouse BSP11 Protein

Cat. No. BSP-MM101

Description

Source	Recombinant Mouse BSP11 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Phe17-Gln324.
Accession	Q61711
Molecular Weight	The protein has a predicted MW of 34.9 kDa. Due to glycosylation, the protein migrates to 68-80 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC

Formulation and Storage

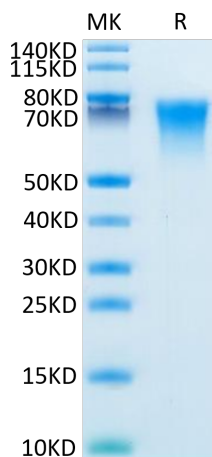
Formulation	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -20 to -80°C for 3-6 months in unopened state after reconstitution. 2-8°C for 2-7 days after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

Osteopontin (OPN), bone sialoprotein (BSP11), and osteonectin (ON) belong to a family of glycoproteins, which have been linked to cancer metastasis and progression. Here, we report on the selection of antisense oligonucleotides (ASOs), which are effective in reducing their protein levels.

Assay Data

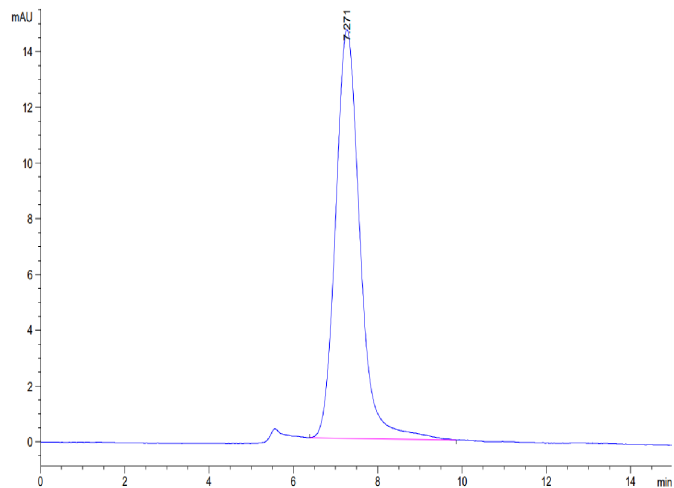
Tris-Bis PAGE



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

SEC-HPLC

Assay Data



The purity of Mouse BSP11 is greater than 95% as determined by SEC-HPLC.