

Recombinant Mouse Ibsp Protein, His-tagged

Cat. No. Ibsp-378M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ibsp Protein (Phe17-Gln324) with N-His tag was expressed in 293F.
Species	Mouse
Source	HEK293
ProteinLength	Phe17-Gln324
Description	Predicted to enable integrin binding activity. Acts upstream of or within bone mineralization; cellular response to growth factor stimulus; and extracellular matrix organization. Predicted to be located in extracellular space and vesicle. Is expressed in several structures, including axial skeleton; bone; facial prominence; jaw; and limb. Orthologous to human IBSP (integrin binding sialoprotein).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 35.7 kDa Accurate Molecular Mass: 20 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

[lbsp integrin binding sialoprotein \[Mus musculus \(house mouse\) \]](#)

Official Symbol

[lbsp](#)

Synonyms

IBSP; integrin binding sialoprotein; bone sialoprotein 2; bone sialoprotein II; cell-binding sialoprotein; integrin-binding sialoprotein; BSP; Bsp2; BSP II; BSP II

Gene ID

[15891](#)

mRNA Refseq

[NM_008318](#)

Protein Refseq

[NP_032344](#)

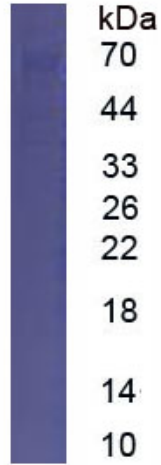
UniProt ID

[Q61711](#)

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