

## Active Recombinant Mouse Ibsp Protein, His-tagged

Cat. No. Ibsp-600M    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Ibsp (Accession # NP_032344) Met1-Gln324, fused with a C-terminal 6-His tag, was produced in Chinese Hamster Ovary cell line, CHO-derived.
<b>Species</b>	Mouse
<b>Source</b>	CHO
<b>ProteinLength</b>	Met1-Gln324
<b>Predicted N Terminal</b>	Phe17
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution in PBS.
<b>Bio-activity</b>	Measured by the ability of the immobilized protein to support the adhesion of the MCF-7 human breast cancer cells. When 5 x 10 <sup>4</sup> cells/well are added to recombinant mouse IBSP coated plates (3 µg/mL with 100 µL/well), approximately 60 - 80% will adhere after 30 minutes at 37 °C. Optimal concentration depends on cell type as well as the application or research objectives.
<b>Molecular Mass</b>	Recombinant Mouse Ibsp, His-tagged has a calculated MW of 34.9 kDa. In SDS-PAGE migrates as 70-90 kDa, reducing conditions.
<b>Purity</b>	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In

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lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">lbsp integrin binding sialoprotein [ Mus musculus ]</a>
<b>Official Symbol</b>	<a href="#">lbsp</a>
<b>Synonyms</b>	IBSP; integrin binding sialoprotein; bone sialoprotein 2; bone sialoprotein II; cell-binding sialoprotein; integrin-binding sialoprotein; BSP; Bsp2; BSP II; BSP II;
<b>Gene ID</b>	<a href="#">15891</a>
<b>mRNA Refseq</b>	<a href="#">NM_008318</a>
<b>Protein Refseq</b>	<a href="#">NP_032344</a>
<b>MIM</b>	

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