

Active Recombinant Mouse Ibsp Protein, His-tagged

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

SPECIFICATION

Product Overview	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.
Species	Mouse
Source	CHO
ProteinLength	Met1-Gln324
Predicted N Terminal	Phe17
Form	Lyophilized from a 0.2 μ filtered solution in PBS.
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of the MCF-7 human breast cancer cells. When 5×10^4 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.
Molecular Mass	Recombinant Mouse Ibsp, His-tagged has a calculated MW of 34.9 kDa. In SDS-PAGE migrates as 70-90 kDa, reducing conditions.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

GENE INFORMATION

Gene Name [lbsp integrin binding sialoprotein \[Mus musculus \]](#)

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](#)

MIM

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA