

Active Recombinant Mouse Lbp Protein, His-tagged

Cat. No. Lbp-607M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Lbp (Accession # NP_032515) Gly25-Val481, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
ProteinLength	Gly25-Val481
Predicted N Terminal	Gly25
Form	Lyophilized from a 0.2 µm filtered solution in MES, NaCl, PEG and CHAPS with BSA as a carrier protein.
Bio-activity	Measured by its ability to enhance LPS-stimulated IL-8 secretion by THP-1 human acute monocytic leukemia cells. The ED50 for this effect is typically 0.5 - 3 ng/mL.
Molecular Mass	Recombinant Mouse Lbp, His-tagged has a calculated MW of 51.5 kDa. In SDS-PAGE migrates as 60-65 kDa, reducing conditions.
Purity	>95%, 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 lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

 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

Reconstitution

Reconstitute at 100 µg/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

GENE INFORMATION**Gene Name**

Lbp lipopolysaccharide binding protein [*Mus musculus*]

Official Symbol

Lbp

Synonyms

LBP; lipopolysaccharide binding protein; lipopolysaccharide-binding protein; Ly88; Bpifd2;

Gene ID

16803

mRNA Refseq

NM_008489

Protein Refseq

NP_032515

MIM

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