

## Active Recombinant Mouse Lbp Protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Mouse
<b>Source</b>	Mammalian Cells
<b>ProteinLength</b>	Gly25-Val481
<b>Predicted N Terminal</b>	Gly25
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution in MES, NaCl, PEG and CHAPS with BSA as a carrier protein.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	Recombinant Mouse Lbp, His-tagged has a calculated MW of 51.5 kDa. In SDS-PAGE migrates as 60-65 kDa, reducing conditions.
<b>Purity</b>	>95%, 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 lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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**Reconstitution** Reconstitute at 100 g/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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