

Active Recombinant Human LBP

Cat. No. LBP-267H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human LBP (Accession # AAD21962) Ala26-Val481 was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	26-481 a.a.
Predicted N Terminal	Ala26
Form	Lyophilized from a 0.2 µm filtered solution in Tris, NaCl and EDTA 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 0.25 - 2.5 ng/mL.
Molecular Mass	Recombinant Human LBP has a calculated MW of 51 kDa. In SDS-PAGE migrates as 55 - 60 kDa, reducing conditions.
Purity	>97%, 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).

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Reconstitution Reconstitute at 50 g/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

GENE INFORMATION

Gene Name LBP lipopolysaccharide binding protein [Homo sapiens]

Official Symbol LBP

Synonyms LBP; lipopolysaccharide binding protein; lipopolysaccharide-binding protein; BPI fold containing family D; member 2; BPIFD2; LPS-binding protein; BPI fold containing family D, member 2; MGC22233;

Gene ID 3929

mRNA Refseq NM_004139

Protein Refseq NP_004130

MIM 151990

UniProt ID P18428

Chromosome Location 20q11.23

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