

Recombinant Human LBP protein, His-tagged

Cat. No. LBP-3844H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LBP protein(NP_004130.2)(Met 1-Val 481) was expressed in HEK293, fused with the a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-481 aa
Form	Lyophilized from sterile 20mM Tris, 100mM NaCl, 0.05mM EDTA, pH 8.0.
Molecular Mass	The recombinant human LBP consists of 467 amino acids and has a predicted molecular mass of 52.5 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhLBP is approximately 62 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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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

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SDS-PAGE



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