

# Recombinant Mouse LBP

<b>CATALOG #:</b>	4936-10	10 µg
<b>SOURCE:</b>	CHO-cells	
<b>PURITY:</b>	SDS-PAGE analyses Endotoxin level is <0.1 ng per µg.	
<b>MOL. WEIGHT:</b>	64 kDa	
<b>FORM:</b>	Lyophilized from a concentrated protein solution (1 mg/ml) containing PBS, pH 7.2	

**RECONSTITUTION:**

Centrifuge the vial prior to opening. Reconstitute in 10 µl of ultra-pure distilled water. This solution can then be diluted into other aqueous buffers and stored at -20°C or -70°C for future use.

**STORAGE CONDITIONS:**

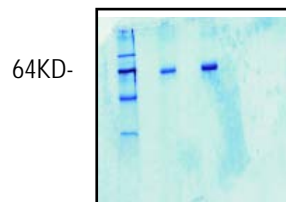
The lyophilized protein is best-stored desiccated below 0°C. Reconstituted mouse-LBP should be stored in working aliquots at -20°C. For long term storage it is recommended to add a carrier protein (10% BSA). Repeated freezing and thawing should be avoided!!!

**DESCRIPTION:**

Natural LBP is a 58KD glycoprotein produced in liver. It binds at lipid A of LPS with high affinity ( $10^{-9}$ M) and reduced the cellular LPS effects at CD14<sup>+</sup> cells (IL1β, IL6, TNFα). It acts as opsonin for GRAM negative cells, LPS, neutrophils and granulocytes. This is a His-tagged protein.

**BIOLOGICAL ACTIVITY:**

Up to 2 µg/ ml LBP mediates binding of FITC-LPS (0.5µg/ml) to CD14<sup>+</sup>CHO transfectants (2 x 10<sup>6</sup>/ml)

**GEL IMAGE:****RELATED PRODUCTS:**

Recombinant Human LBP (**Cat. No.4935-10**)  
FABP1, human recombinant (**Cat. No.4501-25, 100, 1000**)  
FABP3, human recombinant (**Cat. No.4503-100**)  
FABP4, human recombinant (**Cat. No.4504-25,100, 1000**)  
FABP5, human recombinant (**Cat. No.4505-25, 100, 1000**)  
FABP7, human recombinant (**Cat. No.4507-25, 100, 1000**)  
HDLBP Antibody (**Cat. No.3853-100**)  
HDLBP Peptide (**Cat. No.3853BP-50**)

**FOR RESEARCH USE ONLY! Not to be used in humans**