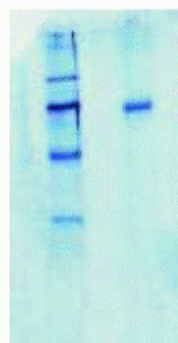


## Lbp

# Recombinant Mouse Lipopolysaccharide-Binding Protein His Tagged

<b>Catalog No.</b>	CRL700	<b>Quantity:</b>	10 µg
<b>Alternate Names:</b>	LBP, LPS binding protein		
<b>Description:</b>	LBP is produced from mouse LBP transfected CHO-cells in serum free medium. Before transfection the complete mouse LBP cDNA was amplified by PCR and cloned into expression vector p-POL-DHFR. The C-terminal His tag on mLBP has no protease site for removal.		
<b>UniProt ID:</b>	Q61805		
<b>Gene ID:</b>	16803		
<b>Source:</b>	CHO cells		
<b>Formulation:</b>	Lyophilized from a 0.5 mg/ml solution in PBS, pH 7.2.		
<b>Purification:</b>	Metal affinity purification (IMAC) with cobalt, Talon™		
<b>Endotoxin Level:</b>	< 0.1 ng/ml by LAL analysis		
<b>Biological Activity:</b>	Up to 2 µg/ml LBP mediates binding of FITC-LPS (0.5 µg/ml) to CD14+CHO transfectants (2 x 10 <sup>6</sup> /ml).		
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> Reconstitute with 20 µl of sterile water.		
<b>Storage &amp; Stability:</b>	Upon receipt, store at -20°C to -80°C. Upon reconstitution, store as working aliquots at -80°C for up to 1 year. <b>Avoid repeated freeze-thaw cycles.</b>		
<b>Notes:</b>	<b>The LBP will precipitate if subjected to rapid changes in pH or temperature.</b> Best working temperature is an ice bath.		

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