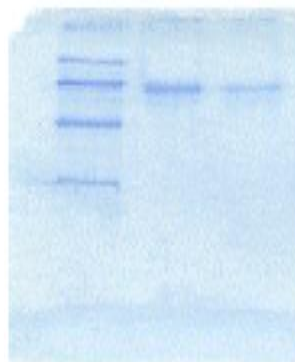


LBP

Recombinant Human Lipopolysaccharide Binding Protein His-tag

Catalog No.	CRL701	Quantity:	10 µg
Alternate Names:	LBP, LPS binding protein		
Description:	LBP is produced from human LBP transfected CHO-cells in serum free medium. Before transfection the complete human LBP cDNA was amplified by PCR and cloned into expression vector p-POL-DHFR. The C-terminal His tag on hLBP has no protease site for removal.		
UniProt ID:	P18428		
Gene ID:	3929		
Source:	CHO cells		
Formulation:	Lyophilized from a 0.25 mg/ml solution in PBS, pH 7.2		
Endotoxin Level:	< 0.01 ng/ml by LAL analysis.		
Purification:	Metal affinity purification (IMAC) with cobalt, Talon™		
Biological Activity:	Up to 0.2 µg/ ml LBP mediates binding of FITC-LPS (0.5µg/ml) to CD14+CHO transfectants (FACS).		
Reconstitution:	Centrifuge vial prior to opening. Add 40 µl sterile distilled water to the vial to fully solubilize the protein to a concentration of 0.25 mg/ml.		
Storage & Stability:	Upon receipt, store at -20°C to -80°C. Upon reconstitution, store as working aliquots at -80°C for up to 1 year. Avoid repeated freeze-thaw cycles.		
Note:	The LBP will become precipitate if exposed to rapid changes of pH or temperature. The best working temperature is ice an bath.		

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