

Lipopolysaccharide Binding Protein (LBP) Active Protein | LBP active protein

Active Lipopolysaccharide Binding Protein (LBP)

CATALOG # AAA153087	HOST E coli	APPLICATIONS Activity Assay, Cell Culture
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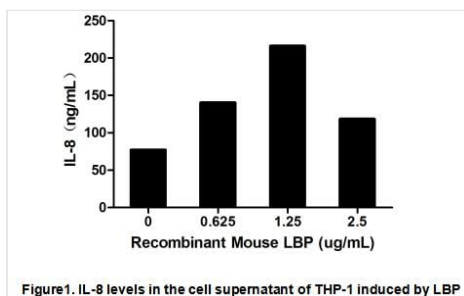
PRODUCT SYNONYMS

Lipopolysaccharide Binding Protein (LBP); Active Lipopolysaccharide Binding Protein (LBP); Lipopolysaccharide Binding Protein; LBP active protein (prokaryotic); Mouse; LPS-Binding Protein; LBP active protein

PRODUCT SPECIFICATIONS

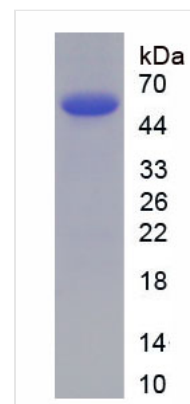
Host	E coli
Purity/Purification	Greater than 90% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Gly25~Pro259
Applicable Applications for LBP active protein	Activity Assay, Cell Culture
Expression System	Prokaryotic expression
Species	Mouse
Tag	N-terminal His
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	8.6
Research Area	Infection immunity
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES



Bioactivity

Lipopolysaccharide Binding Protein (LBP) is a soluble acute-phase protein that binds to bacterial lipopolysaccharide (or LPS) to elicit immune responses by presenting the LPS to important cell surface pattern recognition receptors called CD14 and TLR4.Thi



SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for LBP active protein	Active proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	113865991
NCBI GeneID	16803
NCBI Accession #	NP_032515.2
NCBI GenBank Nucleotide #	NM_008489.2
UniProt Accession #	Q61805; Q99KA0; A2AC66
Molecular Weight	53,055 Da
NCBI Official Full Name	lipopolysaccharide-binding protein
NCBI Official Synonym Full Names	lipopolysaccharide binding protein
NCBI Official Symbol	Lbp
NCBI Official Synonym Symbols	Ly88; Bpifd2
NCBI Protein Information	lipopolysaccharide-binding protein
UniProt Protein Name	Lipopolysaccharide-binding protein
UniProt Gene Name	Lbp
UniProt Synonym Gene Names	LBP
UniProt Entry Name	LBP_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/e-coli-active-protein/lipopolysaccharide-binding-protein-lbp/153087>