

# Human Lipopolysaccharide binding protein/LBP (His Tag)



Catalog Number: 501060

## General Information

### Protein Construction

A DNA sequence encoding the human LBP (NP\_004130.2) extracellular domain (Met 1-Val 481) was fused with the a polyhistidine tag at the C-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Purity

> 95 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu\text{g}$  of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}\text{C}$

### Predicted N terminal

Ala 26

### 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.

### Formulation

Lyophilized from sterile 20mM Tris, 100mM NaCl, 0.05mM EDTA, pH 8.0

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

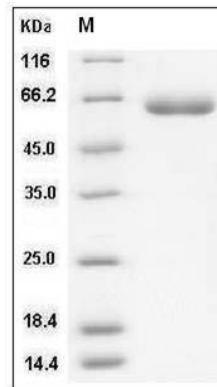
### Storage

Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ . It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



Human LBP / Lipopolysaccharide binding Protein (His Tag) SDS-PAGE