

# Human LBP Recombinant Protein



RPPB3848

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## Product Information    Protein Information

**Product SKU:**

RPPB3848

**Accession:**

P18428

**Host:**

Chinese Hamster  
Ovarian Cells (CHO).

**Protein description:**

The Lipopolysaccharide Binding Protein 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 recombinant Human LBP was purified by his-tag with metal affinity purification with Talon and controlled by SDS page. Showing a 58kDa band on SDS-PAGE. Attention: His-tag has no protease site and can not be split off.

**Appearance:**

Sterile Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

Lipopolysaccharide-binding protein, LBP, MGC22233.

**Formulation:**

Recombinant Human LBP was lyophilized from a protein solution (0.3mg/ml) containing phosphate-buffered saline, pH 7.2.

**Solubility:**

Every 10µg of recombinant human LBP should be reconstituted using 33µl of sterile H<sub>2</sub>O. The solution can be then diluted with phosphate-buffered saline or other buffers.

**Stability:**

Lyophilized LBP Human Recombinant although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution LBP should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.

**Biological Activity:**

Up to 0.2 µg/ ml LBP mediates binding of FITC-LPS (0.5µg/ml) to CD14+CHO transfectants (FACS).