

Mouse LBP Recombinant Protein



RPPB3849

Product Information Protein Information

Product SKU:

RPPB3849

Accession:

Q61805

Host:

Chinese Hamster
Ovarian Cells (CHO).

Protein description:

LBP is produced from mouse LBP transfected CHO-cells in serum free medium. For transfection we have cloned complete mouse LBP cDNA into expression vector pPOL-DHFR. Before transfection the complete mouse LBP cDNA was amplified by PCR and cloned into expression vector p-POL-DHFR. RmLBP was produced by his-tag by means of metal affinity purification with Talon and controlled by SDS page. Showing a 58kDa band on SDS-PAGE. Attention: His-tag at the c-terminal end of the LBP has no protease site and is not to split off.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Lipopolysaccharide-binding protein, LBP, Ly88.

Formulation:

Recombinant Mouse LBP was lyophilized from a protein solution (1 mg/ml) containing phosphate-buffered saline, pH 7.2.

Solubility:

It is recommended to reconstitute the lyophilized LBP in sterile 18MΩ-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized LBP Mouse 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 2µg/ml LBP mediates binding of FITC-LPS (0.5µg/ml) to CD14+CHO transfectants (2 x 10⁶/ml).