

Lipopolysaccharide Mouse Recombinant

Item Number	rAP-3530
Synonyms	Lipopolysaccharide-binding protein, LBP, Ly88.
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
Uniprot Accession Number	Q61805
Amino Acid Sequence	
Source	Chinese Hamster Ovarian Cells (CHO).
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. 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.
Formulation and Purity	Recombinant Mouse LBP was lyophilized from a protein solution (1 mg/ml) containing phosphate-buffered saline, pH 7.2.
Application	
Solubility	It is recommended to reconstitute the lyophilized LBP in sterile 18MΩ-cm H ₂ O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	Up to 2µg/ml LBP mediates binding of FITC-LPS (0.5µg/ml) to CD14+CHO transfectants (2 x 10 ⁶ /ml).
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**