



Product Datasheet

Product Name	Lipopolysaccharide Mouse Recombinant
Cata No	CB501152
Source	CHO-cells

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.

Attention: His-tag at the c-terminal end of the LBP has no protease site and is not to split off. up to 2 µg/ ml LBP mediates binding of FITC-LPS (0.5µg/ml) to CD14⁺CHO transfectants (2 x 10⁶/ml).

Purity

Greater than 95.0% as determined by:

On SDS-PAGE commassie blue stained gel, the 95% purified recombinant protein shows a band at 58 kDa.

Storage

Store vial at -20⁰C to -80⁰C. When stored at the recommended temperature, this protein is stable for 12 months.

Formulation

Recombinant Mouse LBP was lyophilized from a protein solution (0.5 mg/ml) containing phosphate-buffered saline, pH 7.2.

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