Recombinant Mouse LBP Protein (His Tag)

Catalog Number: PDMM100043



Note: Centrifuge before opening to ensure complete recovery of vial contents.

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Species Mouse

Source Mammalian-derived Mouse Lbp proteins Met1-Val481, with an C-terminal His

 Mol_Mass
 52.8 kDa

 Accession
 Q61805

Bio-activity Not validated for activity

Properties

Purity > 90% as determined by reducing SDS-PAGE.

Endotoxin < 1.0 EU/mg of the protein as determined by the LAL method

Storage Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80

°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of

reconstituted samples are stable at < -20°C for 3 months.

Shipping

This product is provided as lyophilized powder which is shipped with ice packs.

Formulation

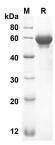
Lyophilized from a 0.2 μm filtered solution in PBS with 5% Trehalose and 5%

Mannitol

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of

0.5 mg/mL. Concentration is measured by UV-Vis.

Data



SDS-PAGE analysis of Mouse Lbp proteins, 2 µg/lane of Recombinant Mouse Lbp proteins was resolved with an SDS-PAGE under reducing conditions, showing bands at 52.8KD

Background

Plays a role in the innate immune response. Binds to the lipid A moiety of bacterial lipopolysaccharides (LPS), a glycolipid present in the outer membrane of all Gram-negative bacteria. Acts as an affinity enhancer for CD14, facilitating its association with an LPS. Promotes the release of cytokines in response to bacterial lipopolysaccharide.

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