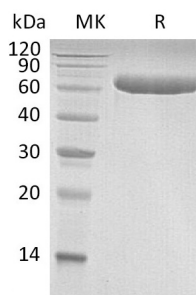


概述 (Summary)

英文全称	LBP/Lipopolysaccharide-binding protein
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human Lipopolysaccharide-Binding Protein is produced by our Mammalian expression system and the target gene encoding Ala26-Val481 is expressed with a 6His tag at the C-terminus.
Accession #	P18428
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	51.95 KDa
蛋白形态 (Form)	Lyophilized from a 0.2 μm filtered solution of 20mM Tris-HCl, 500mM NaCl, 1mM EDTA, pH 8.0.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

电泳图 (SDS-PAGE image)

Product Name: Recombinant Human LBP (C-6His)
Catalog #: PHH1065



背景 (Background)

分子别名 (Alternative Names)

Lipopolysaccharide-Binding Protein; LBP

背景介绍 (References)

Lipopolysaccharide binding protein (LBP) is a plasma protein, belongs to a member of structurally and functionally related proteins which includes bactericidal permeability-increasing protein (BPI), plasma cholesteryl ester transfer protein (CETP) and phospholipid transfer protein (PLTP). It is involved in the acute-phase immunologic response to gram-negative bacterial infections. In cooperation with BPI, LBP binds LPS and interacts with the CD14 receptor, most likely playing a role in regulating LPS-dependent monocyte responses. Studies suggest that LBP is necessary for the rapid acute-phase response to LPS but not for the clearance of LPS from circulation. Finally, the LBP gene is found on chromosome 20, directly downstream of the BPI gene.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.