Datasheet for ABIN2566771

Lipopolysaccharides (LPS) Protein (His tag)

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Overview

Quantity:	0.1 mg
Target:	Lipopolysaccharides (LPS)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Lipopolysaccharides (LPS) protein is labelled with His tag.
Application:	Western Blotting (WB)

Product Details

Purity:	>95 % as determined by SDS-PAGE.

Target Details

Target:	Lipopolysaccharides (LPS)
Alternative Name:	Lipopolysaccharide (Lipopolysaccharides (LPS) Products)
Target Type:	Chemical
Background:	Lipopolysaccharide-binding protein (LBP),a member of the BPI/LBP/Plunc superfamily, BPI/LBP family, is detected in blood serum. LBP plays a role in the innate immune response. Alao,LBP can bind to the lipid A moiety of bacterial lipopolysaccharides (LPS), a glycolipid present in the outer membrane of all Gram-negative bacteria, and act as an affinity enhancer for CD14, facilitating its association with LPS. Furthermore, LBP is able to promote the release of cytokines in response to bacterial lipopolysaccharide.

Target Details

Molecular Weight:	52.8 kDa
Gene ID:	3929
UniProt:	P18428

Application Details

Application Notes:	This recombinant protein can be used for WB. For research use only.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	PBS, pH 7.4
Storage:	-80 °C,-20 °C
Storage Comment:	Lyophilized Protein should be stored at -20°C or lower for long term storage. Upon reconstitution, working aliquots should be stored at -20°C or -70°C. Avoid repeated freeze-thaw cycles.