Recombinant Human Lipopolysaccharide-binding protein/LBP Protein

RPCB0534

Protein Information

Size:	10 µg , 50 µg	**Tag:**	C-His
Reactivity:	Human	**Expressed Host:**	HEK293 cells
Calculated MW:	51.95 kDa	**Observerd MW:**	64 kDa

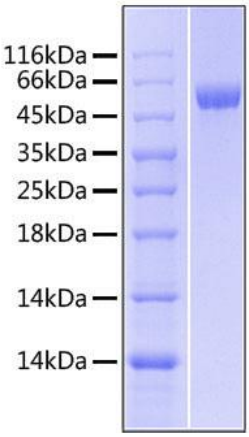
Background

This protein is involved in the acute-phase immunologic response to gram-negative bacterial infections. Gram-negative bacteria contain a glycolipid, lipopolysaccharide (LPS), on their outer cell wall. Together with bactericidal permeability-increasing protein (BPI), the encoded protein binds LPS and interacts with the CD14 receptor, probably playing a role in regulating LPS-dependent monocyte responses. Studies in mice suggest that the encoded protein is necessary for the rapid acute-phase response to LPS but not for the clearance of LPS from circulation. This protein is part of a family of structurally and functionally related proteins, including BPI, plasma cholesteryl ester transfer protein (CETP), and phospholipid transfer protein (PLTP).

Properties

Synonyms:	BPIFD2, LBP
Gene ID:	3929
Endotoxin:	< 1 EU/µg of the protein by LAL method.
Description:	High quality, high purity and low endotoxin recombinant Recombinant Human Lipopolysaccharide-binding protein/LBP Protein (RPCB0534), tested reactivity in HEK293 cells and has been validated in SDS-PAGE.100% guaranteed.
Purity:	≥ 95 % as determined by SDS-PAGE.
Storage:	Store at -20℃.Store the lyophilized protein at -20℃ to -80 ℃ up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20℃ for 3 months, at 2-8℃ for up to 1 week.

Validation Data



Recombinant Human Lipopolysaccharide-binding protein/LBP Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.