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Recombinant Human LBP Protein (His Tag)

产品货号: TP06618

第三版

别名:BP1FD2

描述:Lipopolysaccharide binding protein (LBP) is a glycoprotein that is synthesized principally by hepatocytes. LBP is a trace plasma protein that binds to the lipid A moiety of bacterial lipopolysaccharides (LPSs). LBP binds directly to the outer membrane of Gram-negative bacteria and to purified aggregates of extracted endotoxin, and catalyses the delivery of endotoxin to membrane (mCD14,GPI-Linked) and soluble (sCD14) forms of CD14, thereby markedly increasing host cell sensitivity to endotoxin. LBP efficiently catalyses the transfer of individual molecules of endotoxin to (s)CD14 only when LBP – endotoxin aggregates are formed in the presence of albumin. In the presence of EDTA, LBP binding promotes further disaggregation of endotoxin. LBP binding does not have such drastic effects under more physiological conditions, but may still induce more subtle topological rearrangements of endotoxin.

配方:PBS

分子量:52.5 kDa

序列:Met 1-Val 481

纯度:> 95% by HPLC

浓度:

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.