

Recombinant Rat Lbp protein, His & GST-tagged

Cat. No. Lbp-6920R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Lbp aa. (Asn27~Val481 (Accession # Q63313)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Asn27~Val481
Description	Binds lipopolysaccharide on outer membrane of gram negative bacteria; involved in immune response.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 81.7kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Characteristic	The isoelectric point is 8.7.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Storage buffer

Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name

Lbp lipopolysaccharide binding protein [*Rattus norvegicus* (Norway rat)]

Official Symbol

Lbp

Synonyms

Lbp; lipopolysaccharide binding protein; Bpifd2; lipopolysaccharide-binding protein; BPI fold containing family D, member 2

Gene ID

29469

mRNA Refseq

NM_017208.2

Protein Refseq

NP_058904.2

UniProt ID

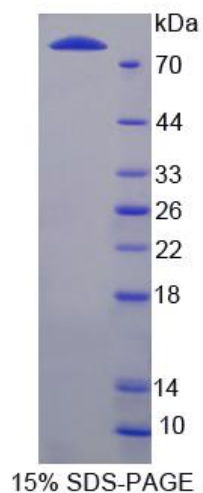
Q63313

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SDS-PAGE



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