

LBP, mouse recombinant protein**LBP, recombinant LBP, recombinant lipo polysaccharide binding protein****Catalog # PBV10499r****Specification**

LBP, mouse recombinant protein - Product info

Primary Accession

[Q61805](#)

Calculated MW

64.0 kDa KDa**LBP, mouse recombinant protein - Additional Info**

Gene ID

Mm.218846.

Gene Symbol

LBP**Other Names**

Lipopolysaccharide-binding protein, LBP, LBP human recombinant protein, LBP human, human LBP

Gene Source

Mouse

Source

CHO cells

Assay&Purity

SDS-PAGE; ≥95%

Assay2&Purity2

HPLC;

Recombinant

Yes**Application Notes**

Reconstitute in 10 µl of ultra-pure distilled water. This solution can then be diluted into other aqueous buffers and stored at -20°C or -70°C for future use.

Format

Lyophilized protein

Storage

-20°C; Lyophilized from a concentrated protein solution (1 mg/ml) containing PBS, pH 7.2

LBP, mouse recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

LBP, mouse recombinant protein - Images**LBP, mouse recombinant protein - Background**

Natural LBP is a 58KD glycoprotein produced in liver. It binds at lipid A of LPS with high affinity

(10-9M) and reduced the cellular LPS effects at CD14+ cells (IL1 β , IL6, TNF α). It acts as opsonin for GRAM negative cells, LPS, neutrophils and granulocytes.

LBP, mouse recombinant protein - References

Lengacher S., et al. J. Inflamm. 47:165-172(1995).

Church D.M., et al. PLoS Biol. 7:E1000112-E1000112(2009).

Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.

Eckert J.K., et al. Immunity 39:647-660(2013).