**RPB406Ra02 100μg**

**Recombinant Lipopolysaccharide Binding Protein (LBP)**

**Organism Species: Rattus norvegicus (Rat)**

***Instruction manual***

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

10th Edition (Revised in Jan, 2014)

## [ PROPERTIES ]

**Residues:** Asn27~Val481

**Tags:** Two N-terminal Tags, His-tag and GST-tag

**Accession:** Q63313

**Host:** *E. coli*

**Purity:** >90%

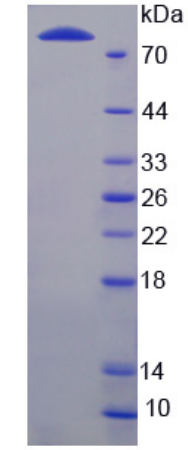
**Endotoxin Level:** <1.0EU per 1μg

(determined by the LAL method).

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

**Predicted isoelectric point:** 8.7

**Predicted Molecular Mass:** 81.7kDa



15% SDS-PAGE

**Applications:** SDS-PAGE; WB; ELISA; IP.

(May be suitable for use in other assays to be determined by the end user.)

## [ USAGE ]

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

## [ STORAGE AND STABILITY ]

**Storage: Avoid repeated freeze/thaw cycles.**

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

**Stability Test:** The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

## [ SEQUENCES ]

The sequence of the target protein is listed below.

NPAM VVRITDKGLE YAAKEGLLSL QRELYKITLP DFSGDFKIKA VGRGQYEFHS LEIQSCQLRG SSLKPLPGRG LSLSISDSSI SVRGKWKVRR SFVKLHGSFD LDVKSVTISV DLLLGVDPSE RPTVTASGCS NRIRDLELHV SGNVGWLLNL FHNQIESKLQ KVLESKICEM IQKSVTSDLQ PYLQTLPVTA DIDTILGIDY SLVAAPQAKA QTLDVMFKGE IFNRNHRSPV TTPTPTMSLP EDSKQMVYFA ISDQAFNIAT RVYHQAGYLN FTITDDMLPP DSNIRLNTKA FRPFTPLITR KYPDMNLELL GTVVSAPLLN VSPGNLSLAP QMEIEGFVIL PSSARESVFR LGVVTNVFVS LTFDNSKVTG MLHPEKAQVR LIESKVGMFN VNLFQAFLNY YLLNSLYPDV NDELAKGFPL PLPRRIKLHD LDFQIHKNFL YLGANVQYMR V