

RPB406Hu01 10µg Recombinant Lipopolysaccharide Binding Protein (LBP) Organism Species: *Homo sapiens (Human)* Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

Coud-Clone Corp.

[PROPERTIES]

Source: Prokaryotic expression

Host: E.coli

Residues: Asn27~Val481

Tags: N-terminal His Tag

Subcellular Location: Secreted

Purity: > 80%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% Sarcosyl, 5% Trehalose.

Original Concentration: 100µg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

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

Predicted isoelectric point: 6.4

Predicted Molecular Mass: 52.4kDa

Accurate Molecular Mass: 52&10-14kDa as determined by SDS-PAGE reducing conditions.

[<u>USAGE</u>]

Reconstitute in ddH_2O to a concentration of 0.1-0.25 mg/mL. Do not vortex.

[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. 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. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]

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		NPGL	VARITDKGLQ	YAAQEGLLAL
QSELLRITLP	DFTGDLRIPH	VGRGRYEFHS	LNIHSCELLH	SALRPVPGQG
LSLSISDSSI	RVQGRWKVRK	SFFKLQGSFD	VSVKGISISV	NLLLGSESSG
RPTVTASSCS	SDIADVEVDM	SGDLGWLLNL	FHNQIESKFQ	KVLESRICEM
IQKSVSSDLQ	PYLQTLPVTT	EIDSFADIDY	SLVEAPRATA	QMLEVMFKGE
IFHRNHRSPV	TLLAAVMSLP	EEHNKMVYFA	ISDYVFNTAS	LVYHEEGYLN
FSITDDMIPP	DSNIRLTTKS	FRPFVPRLAR	LYPNMNLELQ	GSVPSAPLLN
FSPGNLSVDP	YMEIDAFVLL	PSSSKEPVFR	LSVATNVSAT	LTFNTSKITG
FLKPGKVKVE	LKESKVGLFN	AELLEALLNY	YILNTFYPKF	NDKLAEGFPL
PLLKRVQLYD	LGLQIHKDFL	FLGANVQYMR	V	

[IDENTIFICATION]

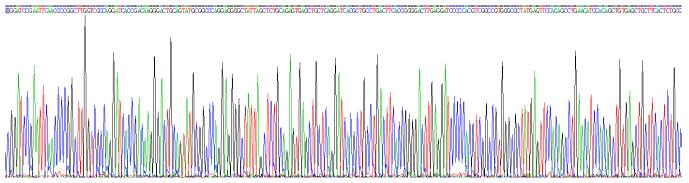


Figure . Gene Sequencing (extract)

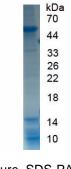


Figure. SDS-PAGE

[<u>IMPORTANT NOTE</u>]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.