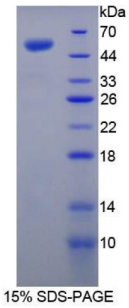
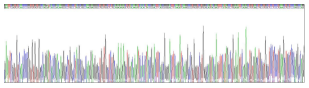
Mouse Lipopolysaccharide Binding Protein (LBP) Protein

Catalogue No.:abx067814



SDS-PAGE analysis of Mouse LBP Protein.



Gene sequencing extract of Recombinant LPB protein.

Recombinant Lipopolysaccharide Binding Protein (LBP) is a recombinant Mouse protein produced in a Prokaryotic expression system (E. coli).

Target:	Lipopolysaccharide Binding Protein (LBP)
Origin:	Mouse
Expression:	Recombinant
Tested Applications:	WB, SDS-PAGE
Host:	E. coli
Conjugation:	Unconjugated
Form:	Lyophilized
Activity:	Not tested
Purity:	> 90%

Abbexa LTD, Cambridge, UK · Phone: +44 (0) 1223 755950 · Fax: +44 (0) 1223 755951
Abbexa LLC, Houston, TX USA · Phone: +1 832 327 7413
Abbexa BV, Leiden, NL
Website: www.abbexa.com · Email: info@abbexa.com

Reconstitution:	To keep the original salt concentration, we recommend reconstituting to the original concentration prior to lyophilization (see Concentration) in ddH_2O. If a lower concentration is required, dilute in 20 mM Tris, 150 mM NaCl, pH 8.0. If a higher concentration is required, the product can be reconstituted directly in 20 mM Tris, 150 mM NaCl, pH 8.0, though please note that this will change the overall salt concentration. The stock concentration should be between 0.1-1.0 mg/ml. Do not vortex.
Storage:	Store at 2-8°C for up to one month. For long-term storage, store at -80°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q61805 (UniProt, ExPASy)
KEGG:	mmu:16803
String:	10090.ENSMUSP00000016168
Molecular Weight:	Calculated MW: 29.3 kDa Observed MW (SDS-PAGE): 54 kDa Possible reasons why the actual band size differs from the predicted band size: 1. Splice variants. Alternative splicing may create different sized proteins from the same gene. 2. Relative charge. The composition of amino acids may affect the charge of the protein. 3. Post-translational modification. Phosphorylation, glycoslyation, methylation etc. may affect the band size. 4. Post-translational cleavage. Many proteins are synthesised as pro-proteins, and then cleaved to give the active form. 5. Polymerisation of the target protein. Dimerisation, multimerisation etc. will increase the band size observed.
Sequence Fragment:	Gly25-Pro259
Sequence:	GVNPGV VARITDKGLA YAAKEGLVAL QRELYKITLP DFSGDFKIKA VGRGQYEFHS LEIQNCELRG SSLKLLPGQG LSLAISDSSI GVRGKWKVRK SFLKLHGSFD LDVKGVTISV DLLLGMDPSG RPTVSASGCS SRICDLDVHI SGNVGWLLNL FHNQIESKLQ KVLENKVCEM IQKSVTSDLQ PYLQTLPVTA EIDNVLGIDY SLVAAPQAKA QVLDVMFKGE IFNRNHRSP
Tag:	N-terminal His tag
Buffer:	Prior to lyophilization: 20 mM Tris, 150 mM NaCl, pH 8.0, containing 0.01% Sarcosyl and 5% Trehalose.
Concentration:	Prior to lyophilization: 200 µg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

Abbexa LTD, Cambridge, UK · Phone: +44 (0) 1223 755950 · Fax: +44 (0) 1223 755951
Abbexa LLC, Houston, TX USA · Phone: +1 832 327 7413
Abbexa BV, Leiden, NL
Website: www.abbexa.com · Email: info@abbexa.com