

Recombinant Lectin Galactoside Binding, Soluble 3 Binding Protein (LGALS3BP) Instruction Manual

SIPB626Mu01

Mus musculus (Mouse)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted, Extracellular matrix
Predicted Molecular Mass	66.0kDa
Accurate Molecular Mass	66kDa(Analysis of differences refer to the manual)
Residues & Tags	Thr19~Val577 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	5.0
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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TE DGMRLVNGA SANEGRVEIF YRGRWGTVCD
NLWNLLDAHV VCRALGYENA TQALGRAAFG PGKGPIMLDE VECTGTESSL
ASCRSLGWMV SRCGHEKDAG VVCSNDTTGL HILDLSGELS DALGQIFDSQ
QGCDLFIQVT GQGYEDLSLC AHTLILRTNP EAQALWQVVG SSVIMRVD AE
CMPVVRDFLR YFYRRIEVS MSSVKCLHKL ASAYGATELQ DYCGR LFATL
LPQDPTFHTP LDLYAYARAT GDSMLEDL CV QFLAWNFEPL TQSESWSAVP
TTLIQALLPK SELAVSSELD LLKAVDQWST ETIASHEDIE RLVEQVR FPM
MLPQELFELQ FNLSLYQDHQ ALFQRKTMQA LEFHTVPVEV LAKYKGLNLT
EDTYKPRLYT SSTWSSLVMA STWRAQRYEY NRYNQLYTYG YGSVARYNSY
QSFQTPQHPS FLFKDKQISW SATYLPTMQS CWN YGFSC TS NELPVLGLTT
SSYSNPTIGY ENRVLILCGG YSVVDVTSFE GSKAPIPTAL DTNSSKTPSL
FPCASGAFSS FRVVIRPFYL TNSTDMV
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USAGE

Reconstitute in ddH₂O to a concentration less than or equal to 0.1mg/mL. Do not vortex.

STORAGE

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

STABILITY

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.

Image



Figure. SDS-PAGE

[IMPORTANT NOTE]

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.