RPB766Mu01 10µg

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

Organism Species: *Mus musculus (Mouse)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Thr19~Val577

Tags: N-terminal His Tag

Subcellular Location: Secreted, Extracellular matrix

Purity: > 90%

Traits: Freeze-dried powder

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

Original Concentration: 800μg/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: 5.0

Predicted Molecular Mass: 66.0kDa

Accurate Molecular Mass: 66kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8⁰C for one month.

Aliquot and store at -80⁰C 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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            TE  DGDMRLVNGA  SANEGRVEIF  YRGRWGTVCD
NLWNLLDAHV  VCRALGYENA  TQALGRAAFG  PGKGPIMLDE  VECTGTESSL
ASCRSLGWMV  SRCGHEKDAG  VVCSNDTTGL  HILDLSGELS  DALGQIFDSQ
QGCDLFIQVT  GQGYEDLSLC  AHTLILRTNP  EAQALWQVVG  SSVIMRVDAE
CMPVVRDFLR  YFYSRRIEVS  MSSVKCLHKL  ASAYGATELQ  DYCGRLFATL
LPQDPTFHTP  LDLYAYARAT  GDSMLEDLCV  QFLAWNFEPL  TQSESWSAVP
TTLIQALLPK  SELAVSSELD  LLKAVDQWST  ETIASHEDIE  RLVEQVRFPM
MLPQELFELQ  FNLSLYQDHQ  ALFQRKTMQA  LEFHTVPVEV  LAKYKGLNLT
EDTYKPRLYT  SSTWSSLVMA  STWRAQRYEY  NRYNQLYTYG  YGSVARYNSY
QSFQTPQHPS  FLFKDKQISW  SATYLPTMQS  CWNYGFSCTS  NELPVLGLTT
SSYSNPTIGY  ENRVLILCGG  YSVVDVTSFE  GSKAPIPTAL  DTNSSKTPSL
FPCASGAFSS  FRVVIRPFYL  TNSTDMV
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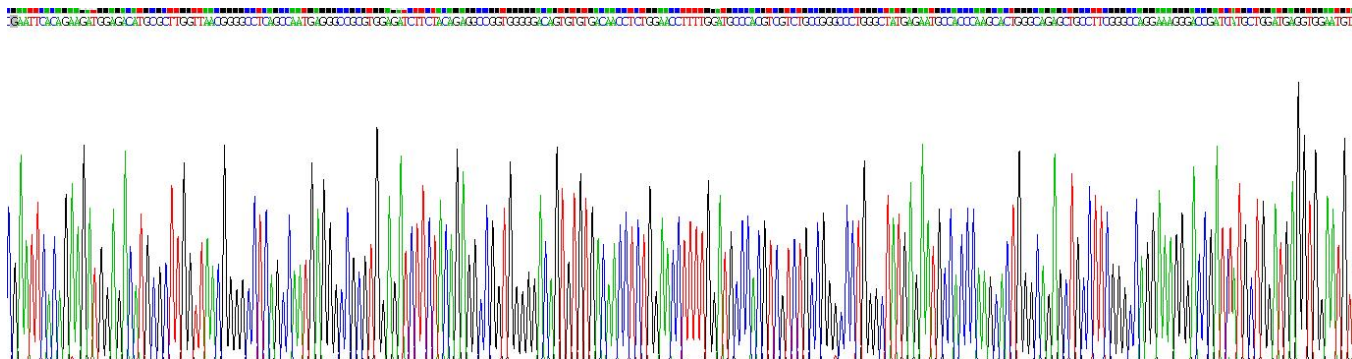
[IDENTIFICATION]

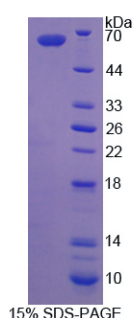**Figure . Gene Sequencing (extract)**

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.