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

SIPB626Hu01

Homo sapiens (Human)

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	25.3kDa
Accurate Molecular Mass	25kDa(Analysis of differences refer to the manual)
Residues & Tags	Met24~Leu221 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 97%
Isoelectric Point	4.8
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

```
                   MRLADGG ATNQGRVEIF YRGQWGTVCD
NLWDLTDASV VCRALGFENA TQALGRAAFG QGSGPIMLDE VQCTGTEASL
ADCKSLGWLK SNCRHERDAG VVCTNETRST HTLDLSRELS EALGQIFDSQ
RGCDLSISVN VQGEDALGFC GHTVILTANL EAQALWKEPG SNVTMSVDAE
CVPMVRDLLR YFYSRRIDIT LSSVKCFHKL ASAYGARQLQ GYCASLFAIL
LPQDPSFQMP LDLYAYAVAT GDALLEKLCL QFLAWNFEAL TQAEAWPSVP
TDLLQLLLPR SDLAVPSELA LLKAVDTWSW GERASHEEVE GLVEKIRFPM
MLPEELFELQ
                   MRLADGG ATNQGRVEIF YRGQWGTVCD
NLWDLTDASV VCRALGFENA TQALGRAAFG QGSGPIMLDE VQCTGTEASL
ADCKSLGWLK SNCRHERDAG VVCTNETRST HTLDLSRELS EALGQIFDSQ
RGCDLSISVN VQGEDALGFC GHTVILTANL EAQALWKEPG SNVTMSVDAE
CVPMVRDLLR YFYSRRIDIT L
```

USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
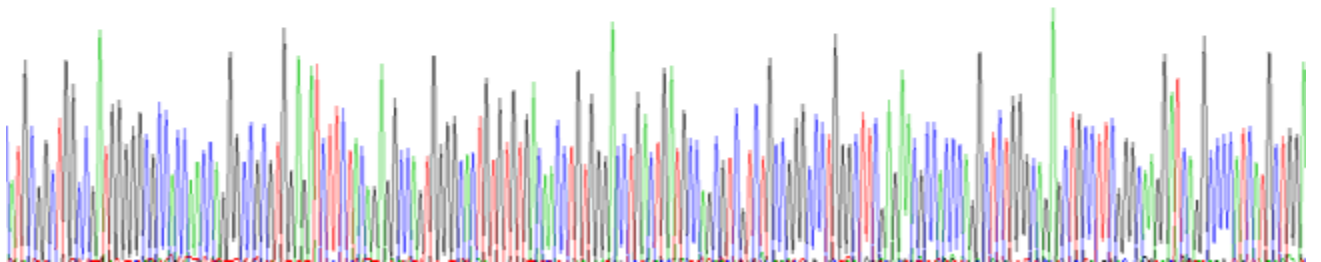
STORAGE

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

SDS-PAGE Image

[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.