

Recombinant Galectin 8 (GAL8)

Instruction Manual

SIPA113Mu01

Mus musculus (Mouse)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Cytoplasm
Predicted Molecular Mass	39.9kDa
Accurate Molecular Mass	38kDa(Analysis of differences refer to the manual)
Residues & Tags	Met1~Trp316 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 97%
Isoelectric Point	9.3
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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MLSLNNLQNI IYNPIIPYVG TITEQLKPGS LIVIRGHVPK DSERFQVDFQ
LGNSLKPRAD VAFHFNPRFK RSSCIVCNTL TQEKWGWEI TYDMPFRKEK
SFEIVFMVLK NKFQAVVNGR HVLLYAHRIE PEQIDTVGIY GKVNIHSIGF
RFSSDLQSME TSALGLTQIN RENIQKPGKL QLSLPFEARL NASMGPGRTV
VIKGEVNTNA RSFNVDLVAG KTRDIALHLN PRLNVKAFVR NSFLQDAWGE
EERNITCFPF SSGMYFEMII YCDVREFKVA INGVHSLEYK HRFKDLSSID
TLSVDGDIRL LDVRSW
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USAGE

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

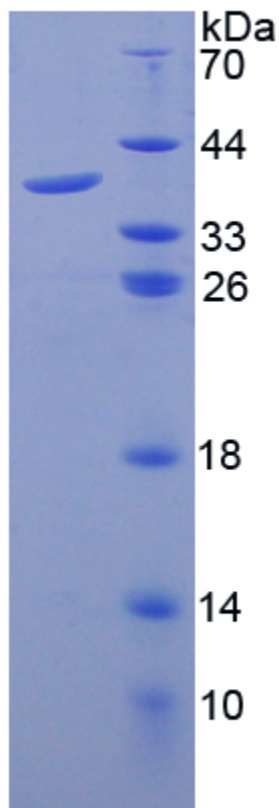
STORAGE

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



15% SDS-PAGE

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.