Recombinant Galectin 9 (GAL9) Instruction Manual

SIPA114Hu01

Homo sapiens (Human)

Source Prokaryotic expression

Host E.coli

Endotoxin Level <1.0EU per 1µg (determined by the LAL method)

Secreted, Cytoplasm **Subcellular Location**

Predicted Molecular Mass 39.6kDa

Accurate Molecular Mass 40kDa(Analysis of differences refer to the manual)

Residues & Tags Met1~Thr323 with N-terminal His Tag

Buffer Formulation PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.

Traits Freeze-dried powder

> 90% **Purity** 9.3 **Isoelectric Point**

Applications Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

MAFSGSQAPY LSPAVPFSGT IQGGLQDGLQ ITVNGTVLSS SGTRFAVNFQ TGFSGNDIAF HFNPRFEDGG YVVCNTRONG SWGPEERKTH MPFQKGMPFD LCFLVQSSDF KVMVNGILFV QYFHRVPFHR VDTISVNGSV QLSYISFQPP GVWPANPAPI TOTVIHTVQS APGOMESTPA IPPMMYPHPA YPMPFITTIL GGLYPSKSIL LSGTVLPSAO RFHINLCSGN HIAFHLNPRF DENAVVRNTO IDNSWGSEER SLPRKMPFVR GOSFSVWILC EAHCLKVAVD GOHLFEYYHR

LRNLPTINRL EVGGDIQLTH VQT

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

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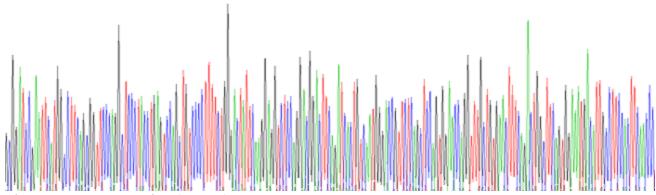


Figure . Gene Sequencing (extract)

Image

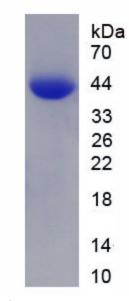


Figure. SDS-PAGE

[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.