Recombinant Galectin 3 (GAL3)

Catalog No.: OM643727

Sequence Information

Species: Mouse **Gene ID:**16854

Swiss Prot:Q8C253 **Synonyms:**Lgals3

Residues: Ala2~Ile264

ADSFSLNDA LAGSGNPNPQ GYPGAWGNQP GAGGYPGAAY PGAYPGQAPP
GAYPGQAPPG AYPGQAPPSA YPGPTAPGAY PGPTAPGAYP GSTAPGAFPG
QPGAPGAYPS APGGYPAAGP YGVPAGPLTV PYDLPLPGGV MPRMLITIMG
TVKPNANRIV LDFRRGNDVA FHFNPRFNEN NRRVIVCNTK QDNNWGKEER
QSAFPFESGK PFKIQVLVEA DHFKVAVNDA HLLQYNHRMK NLREISQLGI
SGDITLTSAN HAMI

Product Information

Source: Prokaryotic expression.

Host: *E. coli*

Tags: N-terminal His-Tag

Subcellular Location: Nucleus, Mitochondrion.

Purity: >90%

Traits: Freeze-dried powder

Buffer formulation: PBS,pH7.4, 5% Trehalose.

Original Concentration: 200μg/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: 7.9

Predicted Molecular Mass: 28.8kDa

Accurate Molecular Mass: 31kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

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

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C 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.

[IDENTIFICATION]

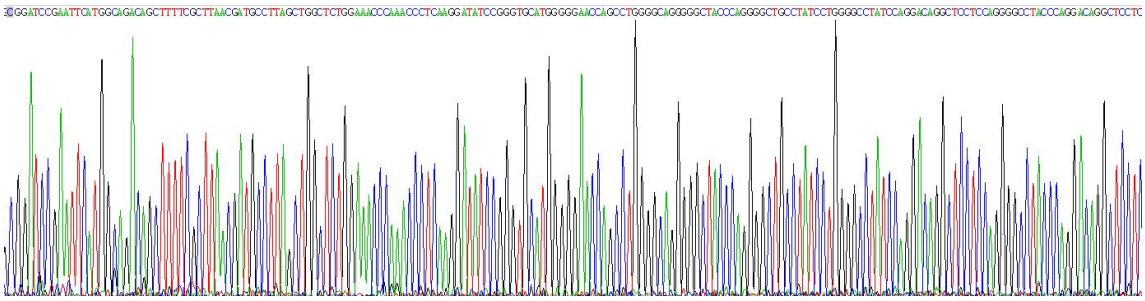


Figure 1. Gene Sequencing (Extract)

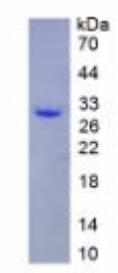


Figure 2. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for in vitro and research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.