

Recombinant G Protein Alpha Stimulating Activity Polypeptide 1 (GNaS1) Instruction Manual

SIPJ464Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Membrane
Predicted Molecular Mass	49.2kDa
Accurate Molecular Mass	49kDa(Analysis of differences refer to the manual)
Residues & Tags	Gly2~Leu394 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	5.6
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

```
GCLGNSKTE DQRNEEKAQR EANKKIEKQL QKDKQVYRAT HRLLLL GAGE
SGKSTIVKQM RILHVNGFNG EGGEEDPQAA RSNSDGEKAT KVQDIKNNLK
EAIETIVAAM SNLVPVVELA NPENQFRVDY ILSVMNVPDF DFPPEFYEHA
KALWEDEGVR ACYERSNEYQ LIDCAQYFLD KIDVIKQADY VPSDQDLLRC
RVLTSGIFET KFQVDKVNFB MFDVGGQRDE RRRKWIQCFND VTAIIFVVAS
SSYNMVIREQ NQTNRLQEAL NLFKSIWNNR WLRTISVILF LNKQDLLAEK
VLGKSKIED YFPEFARYTT PEDATPEPGE DPRVTRAKYF IRDEFRLIST
ASGDGRHYCY PHFTCAVDTE NIRRVFNDCR DIIQRMHLRQ YELL
```

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



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.