# 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 LocationMembranePredicted Molecular Mass49.2kDa

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 HRLLLLGAGE SGKSTIVKQM RILHVNGFNG EGGEEDPQAA RSNSDGEKAT KVQDIKNNLK EAIETIVAAM SNLVPPVELA NPENQFRVDY ILSVMNVPDF DFPPEFYEHA KALWEDEGVR ACYERSNEYQ LIDCAQYFLD KIDVIKQADY VPSDQDLLRC RVLTSGIFET KFQVDKVNFH MFDVGGQRDE RRKWIQCFND VTAIIFVVAS SSYNMVIRED NQTNRLQEAL NLFKSIWNNR WLRTISVILF LNKQDLLAEK VLAGKSKIED YFPEFARYTT PEDATPEPGE DPRVTRAKYF IRDEFLRIST ASGDGRHYCY PHFTCAVDTE NIRRVFNDCR DIIORMHLRO 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**

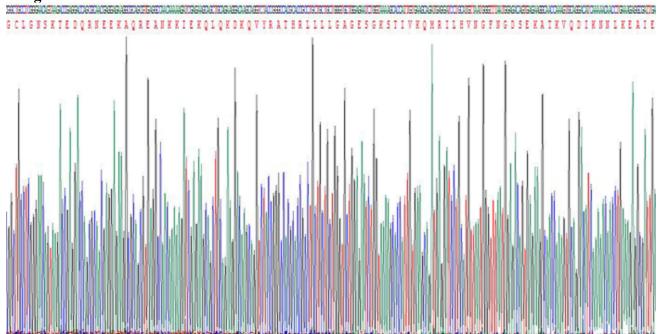


Figure. SDS-PAGE

# [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.