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# Recombinant G Protein Beta 2 (GNb2)

**Catalog Number: SIPF047Hu01** **Spec: 10ug**

| | |
|---|---|
| **Product Name** | Recombinant G Protein Beta 2 (GNb2) |
| **Catalog Number** | SIPF047Hu01 |
| **Organism Species** | Human |
| **Source** | Prokaryotic expression |
| **Host** | E.coli |
| **Residues** | Ser2~Asn340 |
| **Tags** | N-terminal His Tag |
| **Subcellular Location** | Membrane, Cytoplasm |
| **Purity** | > 90% |
| **Traits** | Freeze-dried powder |
| **Buffer formulation** | 100mMNaHCO3, 500mMNaCl, pH8.3, containing 0.01% Sarcosyl, 5% Trehalose. |
| **Original Concentration** | 150μg/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** | 6.2 |
| **Predicted Molecular Mass** | 40.9kDa |
| **Accurate Molecular Mass** | 38kDa as determined by SDS-PAGE reducing conditions. |

**[ USAGE ]**

Reconstitute in ddH2O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

**[ STORAGE AND STABILITY ]**

**Storage:** Avoid repeated freeze/thaw cycles.

Store at 2-8ºC for one month.

Aliquot and store at -80ºC for 12 months.

**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined

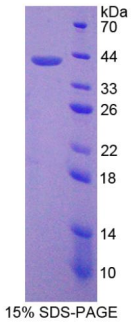
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by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

**[ SEQUENCE ]**

SELEQLRQE AEQLRNQIRD ARKACGDSTL TQITAGLDPV GRIQMRTRRT
LRGHLAKIYA MHWGTDSRLL VSASQDGKLI IWDSYTTNKV HAIPLRSSWV
MTCAYAPSGN FVACGGLDNI CSIYSLKTRE GNVRVSRELP GHTGYLSCCR
FLDDNQIITS SGDTTCALWD IETGQQTVGF AGHSGDVMSL SLAPDGRTFV
SGACDASIKL WDVRDSMCRQ TFIGHESDIN AVAFFPNGYA FTTGSDDATC
RLFDLRADQE LLMYSHDNII CGITSVAFSR SGRLLLAGYD DFNCNIWDAM
KGDRAGVLAG HDNRVSCLGV TDDGMAVATG SWDSFLKIWN

**[ IDENTIFICATION ]**



15% 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.