

# Human GNAI2 Recombinant Protein



RPPB3614

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## Product Information    Protein Information

**Product SKU:**

RPPB3614

**Accession:**

P04899

**Host:**

E.coli.

**Protein description:**

GNAI2 Human Recombinant produced in E. coli is a single polypeptide chain containing 375 amino acids (1-355) and having a molecular mass of 42.0 kDa. GNAI2 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Guanine Nucleotide Binding Protein (G Protein), Alpha Inhibiting Activity Polypeptide 2, GTP-Binding Regulatory Protein Gi Alpha-2 Chain, Guanine Nucleotide-Binding Protein G(I), Alpha-2 Subunit, Adenylate Cyclase-Inhibiting G Alpha Protein, GNAI2B, H\_LUCA16.1, GIP.

**Formulation:**

The GNAI2 solution contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl and 10% glycerol.

**Purity:**

Greater than 90% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHH SGLVPRGSH MGCTVSAEDK AAAERSKMID KNLREDGEKA AREVKLLLLG AGESGKSTIV  
KQMKIIHEDG YSEECRQYR AVVYSNTIQS IMAIVKAMGN LQIDFADPSR ADDARQLFAL SCTAEEQGVL  
PDDLSGVIRR LWADHGQAC FGRSREYQLN DSAAYYLNDL ERIAQSDYIP TQQDVLRTRV KTTGIVETHF  
TFKDLHFKMF DVGGQRSERK KWIHCFEGVT AIFCVSA YDLVLAEDDEE MNRMHESMKL FDSICNNKWF  
TDSIILFLN KKDLFEKIT HSPLTICFPE YTGANKYDEA ASYIQSKFED LNKRKDTKEI YTHFTCATDT  
KNVQFVFDVAV TDVIKNNLK DCGLF.