

RPPB3615

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## Product Information    Protein Information

**Product SKU:**

RPPB3615

**Accession:**

P08754

**Host:**

E.coli.

**Protein description:**

GNAI3 Human Recombinant produced in E. coli is a single polypeptide chain containing 377 amino acids (1-354) and having a molecular mass of 43.0kDa. GNAI3 is fused to a 23 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 3, G(i) alpha-3, 87U6.

**Formulation:**

The GNAI3 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 2mM DTT and 20% 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 MGSMGCTLSA EDKAAVERSK MIDRNLREDG EKAKEVKLL LLGAGESGKS  
TIVKQMKIIH EDGYSEDECK QYKVVVYSNT IQSIIAIRA MGRKIDFGE AARADDARQL FVLGSAEEG  
VMTPELAGVI KRLWRDGGVQ ACFSRSREYQ LNSDASYLN DLDRISQSNY IPTQQDVLRT RVKTTGIVET  
HFTFKDLYFK MFDVGGQRSE RKKWIHCFEG VTAIIFCVL SDYDLVLAED EEMNRMHESM KLFDSICNNK  
WFTETSILF LNKKDLFEK IKRSPLTICY PEYTGSNTE EAAAYIQCF EDLNRKDTK EIYHFTCAT  
DTKNVQFVFD AVTDVIKNN LKECGLY