

Human GNAI1 Recombinant Protein



RPPB5888

Product Information Protein Information

Product SKU:

RPPB5888

Accession:

P63096

Host:

Escherichia Coli.

Protein description:

GNAI1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 377 amino acids (1-354 a.a.) and having a molecular mass of 42.7kDa. GNAI1 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(i) subunit alpha-1, Adenylate cyclase-inhibiting G alpha protein, GNAI1, Gi.

Formulation:

GNAI1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0) and 10% glycerol.

Purity:

Greater than 90.0% 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 EKAAREVKLL LLGAGESGKS
TIVKQMKIIH EAGYSEEECK QYKAVVYSNT IQSIIAIRA MGRKIDFGD SARADDARQL FVLGAAEEG
FMTAELAGVI KRLWKDSGVQ ACFNRSREYQ LNDSAAYYLN DLDRIAQPNY IPTQQDVLRT RVKTTGIVET
HFTFKDLHFK MFDVGGQRSE RKKWIHCFEG VTAIFCVL SDYDLVLAED EEMNRMHESM KLFDSICNNK
WFTDTSILF LNKKDLFEK IKKSPLTICY PEYAGSNTYE EAAAYIQCQF EDLNKRKDTK EIYTHFCAT
DTKNVQFVFD AVTDVIKNN LKDCGLF.