

Human GNAZ Recombinant Protein



RPPB3616

Product Information Protein Information

Product SKU:

RPPB3616

Accession:

P19086

Host:

E.coli.

Protein description:

GNAZ Human Recombinant produced in E. coli is a single polypeptide chain containing 375 amino acids (1-355) and having a molecular mass of 43.0 kDa. GNAZ 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 Z Polypeptide, G(X) Alpha Chain, Guanine Nucleotide-Binding Protein G(Z) Subunit Alpha, Gz-Alpha, Transducin Alpha.

Formulation:

The GNAZ solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea 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 SSSLVPRGSH MGCROSSEK EAARRSRID RHLRSESQRQ RREIKLLLLG TSNSGKSTIV
KQMKIIHSGG FNLEACKEYK PLIYNAIDS LTRIIRALAA LRIDFHNPDY AYDAVQLFAL TGPAESKGEI
TPELLGVMRR LWADPGAQAC FRSSEYHLE DNAAYYLNLD ERIAAADYIP TVEDILRSRD MTTGIVENKF
TFKELTFKMV DVGGQRSEK KWIHCFEGVT AIIFVELSG YDLKLYEDNQ TSRMAESLRL FDSICNNWF
INTSLILFLN KKDLLAEKIR RIPLTICFPE YKGQNTYEEA AVYIQRQFED LNRNKETKEI YSHFTCATDT
SNIQVFVDAV TDVIQNNLK YIGLC