9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

GNAZ Human

Guanine Nucleotide Binding Protein Alpha Z Polypeptide Human Recombinant RCP0938

Product Overview

Name	GNAZ Human
Description	
Guanine Nucleotide Binding Protein Alpha Z Polypeptide Human Recombinant	
Accession (Primary)	P19086
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.	
Introduction	
Guanine nucleotide-binding protein G(z) subunit alpha (GNAZ) belongs to the G protein subfamily which mediates signal transduction in pertussis toxin-insensitive systems. GNAZ has a role in maintaining the ionic balance of perilymphatic and endolymphatic cochlear fluids. G proteins are involved as modulators or transducers in a variety of transmembrane signaling systems.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The GNAZ solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.	
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.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGCRQSSEEK EAARRSRRID RHLRSESQRQ RREIKLLLLG TSNSGKSTIV KQMKIIHSGG FNLEACKEYK PLIIYNAIDS LTRIIRALAA LRIDFHNPDR AYDAVQLFAL TGPAESKGEI TPELLGVMRR LWADPGAQAC FSRSSEYHLE DNAAYYLNDL ERIAAADYIP TVEDILRSRD MTTGIVENKF TFKELTFKMV DVGGQRSERK KWIHCFEGVT AIIFCVELSG YDLKLYEDNQ TSRMAESLRL FDSICNNNWF INTSLILFLN	

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KKDLLAEKIR RIPLTICFPE YKGQNTYEEA AVYIQRQFED LNRNKETKEI YSHFTCATDT SNIQFVFDAV TDVIIQNNLK YIGLC

Precautions

GNAZ Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P19086)