

Recombinant Full Length Human GNAZ Protein

Cat. No. GNAZ-200HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human G Protein alpha x+z with a N terminal proprietary tag; Predicted MWt 67.16 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	355 amino acids
Description	The protein encoded by this gene is a member of a G protein subfamily that mediates signal transduction in pertussis toxin-insensitive systems. This encoded protein may play a role in maintaining the ionic balance of perilymphatic and endolymphatic cochlear fluids.
Form	Liquid
Molecular Mass	67.160kDa inclusive of tags
AA Sequence	MGCRQSSEEKEAARRSRRIDRHLRSESQRQRREIKLLLLG TSNSGKSTIVKQMKIIH SGGFNLEACKEYKPLIIYNAIDS LTRIIRALAAALRIDFHNPDRAYDAVQLFALTGPAES KGEI TPELLGVMRRLWADQGAQACFSRSSEYHLEDNAAYYLNDL ERIAAADYIPTV EDILRSRDMTTGIVENKFTFKELTFKMV DVGGQRSEKRWIHCFCFEGVTAIIFCVELSG YDLKLYEDNQ TSRMAESLRLFDSICNNWNFINTSLILFLNKKDLLAEKIR RIPLTICFP EYKGQNTYEEAAVYIQRQFEDLNRNKETKEI YSHFTCATDTSNIQFVFDVTDVIIQN NLKYIGLC

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	Proprietary Purification
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.
Storage Buffer	pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name	GNAZ guanine nucleotide binding protein (G protein), alpha z polypeptide [Homo sapiens]
Official Symbol	GNAZ
Synonyms	GNAZ; guanine nucleotide binding protein (G protein), alpha z polypeptide; guanine nucleotide-binding protein G(z) subunit alpha
Gene ID	2781
mRNA Refseq	NM_002073
Protein Refseq	NP_002064
MIM	139160
UniProt ID	P19086

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