

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	<p>MGCRQSSEEKEAARRSRRIDRHLRSESQRQRREIKLLLLG TSNSGKSTIVKQMKIIH SGGFNLEACKKEYKPLIIYNAIDS LTRIIRALAAALRIDFHNPDRAYDAVQLFALTGPAES KGEI TPELLGVMRRLWADQGAQACFSRSSEYHLEDNAAYYLN DL ERIAAADYIPTV EDILRSRDMTTGIVENKFTFKELTFKMV DVGGQRSERKKWIHC FEGVTAIIFCVELSG YDLKLYEDNQ TSRMAESLRLFDSICNNWFINTSLILFLNKKDLLAEKIR RIPLTICFP EYKGQNTYEEAAVYIQRQFEDLNRNKETKEI YSHFTCATDTSNIQFVFDVAVTDVVIQN NLKYIGLC</p>

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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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