

# Recombinant Full Length Human GNAZ Protein, GST-tagged

**Cat. No.** GNAZ-5338HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human GNAZ full-length ORF ( AAH26342, 1 a.a. - 355 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	355 amino acids
<b>Description</b>	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. [provided by RefSeq]
<b>Molecular Mass</b>	64.57 kDa
<b>AA Sequence</b>	<p>MGCRQSSEEKEAARRSRRIDRHLRSESQRQRREIKLLLLGTSNSGKSTIVKQMKIIHS  GGFNLEACKEYKPLIINYNAIDSLTRIIRALAALRIDFHNPDRAYDAVQLFALTGPAESKG  EITPELLGVMRRLWADQGAQACFSRSSEYHLEDNAAAYLNDLERIAAADYIPTVEDIL  RSRDMTTGIVENKFTFKELTFKMVDVGGQRSERKKWIHC FEGVTAIIFCVELSGYDL  KLYEDNQTSRMAESLRLFDSICNNNWFINTSLILFLNKKDLLAEKIRRIPLTICFPEYKG  QNTYEEAAVYIQRQFEDLNRNKETKEIYSHFTCATDTSNIQFVFDAVTDVIIQNLLKYI  GLC</p>
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay

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Western Blot (Recombinant protein)  
 Antibody Production  
 Protein Array

<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	GNAZ guanine nucleotide binding protein (G protein), alpha z polypeptide [ Homo sapiens ]
<b>Official Symbol</b>	GNAZ
<b>Synonyms</b>	GNAZ; guanine nucleotide binding protein (G protein), alpha z polypeptide; guanine nucleotide-binding protein G(z) subunit alpha; gz-alpha; g(x) alpha chain; transducin alpha;
<b>Gene ID</b>	2781
<b>mRNA Refseq</b>	NM_002073
<b>Protein Refseq</b>	NP_002064
<b>MIM</b>	139160
<b>UniProt ID</b>	P19086

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