

Recombinant Human GNAZ Protein, GST-tagged

Cat. No. GNAZ-5050H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human GNAZ full-length ORF (AAH26342, 1 a.a. - 355 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq]
Molecular Mass	64.57 kDa
AA Sequence	<p>MGCRQSSEEKEAARRSRIDRHLRSESQRQRREIKLLLLGTSNSGKSTIVKQMKIIHS GGFNLEACKEYKPLIIYNAIDSLTRIIRALAALRIDFHNPDRAYDAVQLFALTGPAESKG EITPELLGVMRRLWADQGAQACFSRSSEYHLEDNAAYLNDLERIAAADYIPTVEDIL RSRDMTTGIVENKFTFKELTFKMVDVGGQRSERKKWIHC FEGVTAIIFCVELSGYDL KLYEDNQTSRMAESLRLFDSICNNWFINTSLILFLNKKDLLAEKIRRIPLTICFPEYKG QNTYEEAAVYIQRQFEDLNRNKETKEIYSHFTCATDTSNIQVFVDAVTDVIIQNLLKYI GLC</p>
Applications	<p>Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production</p>

 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

Protein Array

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

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; gz-alpha; g(x) alpha chain; transducin alpha;
Gene ID	2781
mRNA Refseq	NM_002073
Protein Refseq	NP_002064
MIM	139160
UniProt ID	P19086

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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