

## Recombinant Human GNAZ Protein, GST-tagged

**Cat. No.** GNAZ-5050H    **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>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <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>MGCRQSSEEKEAARRSRIDRHLRSESQRQRREIKLLLLGTSNSGKSTIVKQMKIIHS</p> <p>GGFNLEACEKEYKPLIIYNAIDSLTRIIRALAALRIDFHNPDRAYDAVQLFALTGPAESKG</p> <p>EITPELLGVMRRLWADQGAQACFSRSSEYHLEDNAAYYLNDLERIAAADYIPTVEDIL</p> <p>RSRDMTTGIVENKFTFKELTFKMVDVGGQRSERKKWIHCFEGVTAIIFCVELSGYDL</p> <p>KLYEDNQTSRMAESLRLFDSICNNWNFINTSLILFLNKKDLLAEKIRRIPLTICFPEYKG</p> <p>QNTYEEAAVYIQRQFEDLNRNKETKEIYSHFTCATDTSNIQFVFDAVTDVIIQNNLKYI</p> <p>GLC</p> |
| <b>Applications</b>     | <p>Enzyme-linked Immunoabsorbent Assay</p> <p>Western Blot (Recombinant protein)</p> <p>Antibody Production</p>                                                                                                                                                                                                                                                                                                            |

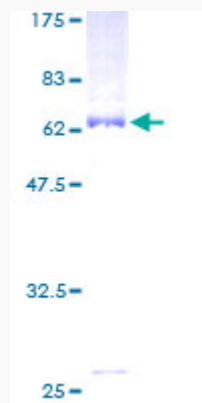
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|                         |                                                                                                                                                                                 |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                         | 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.                                                                                                        |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                 |
| <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                                                                                                                                                                          |

**Quality Control  
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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