

Recombinant Full Length Human GNAT2 Protein, GST-tagged

Cat. No. GNAT2-5337HF Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Human GNAT2 full-length ORF (NP_005263.1, 1 a.a. - 354 a.a.) recombinant protein with GST-tag at N-terminal. |
| Species | Human |
| Source | In Vitro Cell Free System |
| ProteinLength | 354 amino acids |
| Description | Transducin is a 3-subunit guanine nucleotide-binding protein (G protein) which stimulates the coupling of rhodopsin and cGMP-phosphodiesterase during visual impulses. The transducin alpha subunits in rods and cones are encoded by separate genes. This gene encodes the alpha subunit in cones. [provided by RefSeq] |
| Molecular Mass | 66.6 kDa |
| AA Sequence | <p>MGSGASAEDKELAKRSKELEKKLQEDADKEAKTVKLLLLGAGESGKSTIVKQMKIIH QDGYSPEECLEFKAIYGNVLQSIILAIRAMTTLGIDYAEPS CADDGRQLNNLADSIEE GTMPPELVEVIRRLWKDGGVQACFERAAEYQLNDSASYLLNQLERITDPEYLPSEQ DVLRSRVKTTGIIETKFSVKDLNFRMFVGGQRSERKKWIHC FEGVTCIIFCAALSAY DMVLVEDDEVNRMHESLHLFNSICNHKFFAATSIVLFLNKKDLFEEKIKKVHLSICFPE YDGNNSYDDAGNYIKSQFLDLNMRKDVKEIYSHMTCATDTQNVKVFVDAVTDIIKEN LKDCGLF</p> |
| Applications | Enzyme-linked Immunoabsorbent Assay |

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| | Western Blot (Recombinant protein) Antibody Production 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 | GNAT2 guanine nucleotide binding protein (G protein), alpha transducing activity polypeptide 2 [Homo sapiens] |
| Official Symbol | GNAT2 |
| Synonyms | GNAT2; guanine nucleotide binding protein (G protein), alpha transducing activity polypeptide 2; guanine nucleotide-binding protein G(t) subunit alpha-2; ACHM4; transducin alpha-2 chain; cone-type transducin alpha subunit; transducin, cone-specific, alpha polypeptide; GNATC; |
| Gene ID | 2780 |
| mRNA Refseq | NM_005272 |
| Protein Refseq | NP_005263 |
| MIM | 139340 |
| UniProt ID | P19087 |

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