

Recombinant Human GNAT2 Protein, GST-tagged

Cat. No. GNAT2-5049H **Lot. No.** (See product label)

SPECIFICATION

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	Wheat Germ
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	MGSGASAEDKELAKRSKELEKKLQEDADKEAKTVKLLLLGAGESGKSTIVKQMKIIH QDGYSPEECLEFKAIYGNVLQSI LAIRAMTTLGIDYAEPS CADDGRQLNNLADSIEE GTMPPELVEVIRRLWKDGGVQACFERAAEYQLNDSASYLLNQLERITDPEYLPSEQ DVLRSRVKTTGIIETKFSVKDLNFRMFVGGQRSEKRWIHC FEGVTCIIFCAALSAY DMVLVEDDEVNRMHESLHLFNSICNHKFFAATSIVLFLNKKDLFEEDIKKVHLSICFPE YDGNNSYDDAGNYIKSQFLDLNMRKDVKEIYSHMTCATDTQNVKFVFDVTDIIKEN LKDCGLF
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

 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

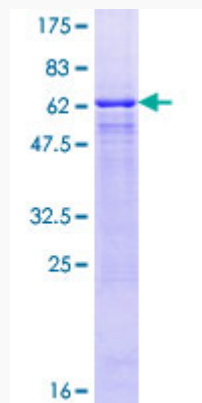
Gene Name	GNAT2 guanine nucleotide binding protein (G protein), alpha transducing activity polypeptide 2 [Homo sapiens]
Official Symbol	GNAT2
Synonyms	GNAT2; guanine nucleotide binding protein (G protein), alpha transducing activity polypeptide 2; guanine nucleotide-binding protein G(t) subunit alpha-2; 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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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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