

Recombinant Full Length Human GNAT2 Protein, GST-tagged

Cat. No. GNAT2-5337HF **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	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	MGSGASAEDKELAKRSKELEKKLQEDADKEAKTVKLLLLGAGESGKSTIVKQMKIIH QDGYSPEECLEFKAIYGNVLQSILAIIRAMTTLGIDYAEPSCADDGRQLNNLADSIEE GTMPPELVEVIRRLWKDGGVQACFERAAEYQLNDSASYYLNQLERITDPEYLPSEQ DVLRSRVKTTGIIETKFSVKDLNFRMFVGGQRSEKRWIHC FEGVTCIIFCAALSAY DMVLVEDDEVNRMHESLHLFNSICNHKFFAATSIVLFLNKKDLFEEKIKKVHLSICFPE YDGNNSYDDAGNYIKSQFLDLNMRKDVKEIYSHMTCATDTQNVKFVFDVTDIIKEN LKDCGLF
Applications	Enzyme-linked Immunoabsorbent Assay

 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

	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

 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