

## Product datasheet for **TP300685**

### GNAT2 (NM\_005272) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human guanine nucleotide binding protein (G protein), alpha transducing activity polypeptide 2 (GNAT2), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200685 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MGSGASAEDKELAKRSKELEKLLQEDADKEAKTVKLLLLGAGESGKSTIVKQMKIIHQDGYSPEECLEFK AIIYGNVLQSI LAIRAMTTLGIDYAEPSCADDGRQLNNLADSIIEGTMPELVEVIRRLWKDGGVQACF ERAAEYQLNDSASYLNQLERITDPEYLPSEQDVLRSRVKTTGIIETKFSVKDLNFRMFDVGGQRSEK WIHCFEGVTCIIFCAALSAYDMVLVEDDEVNRMHESLHLFNSICNHKFFAATSIVLFLNKKDLFEEKIKK VHLSICFPEYDGNNSYDDAGNYIKSQFLDLNMRKDVKEIYSHMTCATDTQNVKVFDAVTDIIIKENLKD CGLF</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-Myc/DDK
Predicted MW:	40 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u><a href="#">NP_005263</a></u>



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Locus ID:	2780
UniProt ID:	<a href="#">P19087</a> , <a href="#">Q5T697</a>
RefSeq Size:	1384
Cytogenetics:	1p13.3
RefSeq ORF:	1062
Synonyms:	ACHM4; GNATC
Summary:	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, Jul 2008]
Protein Families:	Druggable Genome

### Product images:



Coomassie blue staining of purified GNAT2 protein (Cat# TP300685). The protein was produced from HEK293T cells transfected with GNAT2 cDNA clone (Cat# [RC200685]) using MegaTran 2.0 (Cat# [TT210002]).