

Product datasheet for **TP300685M**

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), 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC200685 protein sequence
Red=Cloning site **Green**=Tags(s)

MGSGASAEDKELAKRSKELEKLLQEDADKEAKTVKLLLLGAGESGKSTIVKQMKIIHQDGYSPEECLEFK
AIIYGNVLQSI LAIRAMTTLGIDYAEPSCADDGRQLNNLADSIIEGTMPELVEVIRRLWKDGGVQACF
ERAAEYQLNDSASYLNQLERITDPEYLPSEQDVLRSRVKTTGIIETKFSVKDLNFRMFDVGGQRSEK
WIHCFEGVTCIIFCAALSAYDMVLVEDDEVNRMHESLHLFNSICNHKFFAATSIVLFLNKKDLFEKIKK
VHLSICFPEYDGNNSYDDAGNYIKSQFLDLNMRKDVKEIYSHMTCATDTQNVKVFVDAVTDIIIKENLKD
CGLF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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: [NP_005263](#)



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Locus ID:	2780
UniProt ID:	P19087 , Q5T697
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]).