

Product datasheet for TP300685L

OriGene Technologies, Inc.

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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), 1 mg

Species: Human
Expression Host: HEK293T

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

MGSGASAEDKELAKRSKELEKKLQEDADKEAKTVKLLLLGAGESGKSTIVKQMKIIHQDGYSPEECLEFK AIIYGNVLQSILAIIRAMTTLGIDYAEPSCADDGRQLNNLADSIEEGTMPPELVEVIRRLWKDGGVQACF ERAAEYQLNDSASYYLNQLERITDPEYLPSEQDVLRSRVKTTGIIETKFSVKDLNFRMFDVGGQRSERKK WIHCFEGVTCIIFCAALSAYDMVLVEDDEVNRMHESLHLFNSICNHKFFAATSIVLFLNKKDLFEEKIKK VHLSICFPEYDGNNSYDDAGNYIKSQFLDLNMRKDVKEIYSHMTCATDTQNVKFVFDAVTDIIIKENLKD

CGLF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 40 kDa

Concentration: $>0.05 \mu g/\mu L$ 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





Locus ID: 2780

UniProt ID: <u>P19087</u>, <u>Q5T697</u>

RefSeq Size: 1384 Cytogenetics: 1p13.3 RefSeq ORF: 1062

Synonyms: ACHM4; GNATC

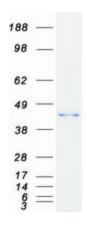
Summary: Transducin is a 3-subunit guanine nucleotide-binding protein (G protein) which stimulates the

coupling of rhodopsin and cGMP-phoshodiesterase 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]).