

Product datasheet for PH300685

OriGene Technologies, Inc.

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GNAT2 (NM_005272) Human Mass Spec Standard

Product data:

Product Type: Mass Spec Standards

Description: GNAT2 MS Standard C13 and N15-labeled recombinant protein (NP_005263)

Species:HumanExpression Host:HEK293

Expression cDNA Clone

e RC200685

or AA Sequence: Predicted MW:

40.2 kDa

Protein Sequence: >RC200685 protein sequence

Red=Cloning site Green=Tags(s)

MGSGASAEDKELAKRSKELEKKLQEDADKEAKTVKLLLLGAGESGKSTIVKQMKIIHQDGYSPEECLEFK AIIYGNVLQSILAIIRAMTTLGIDYAEPSCADDGRQLNNLADSIEEGTMPPELVEVIRRLWKDGGVQACF ERAAEYQLNDSASYYLNQLERITDPEYLPSEQDVLRSRVKTTGIIETKFSVKDLNFRMFDVGGQRSERKK WIHCFEGVTCIIFCAALSAYDMVLVEDDEVNRMHESLHLFNSICNHKFFAATSIVLFLNKKDLFEEKIKK VHLSICFPEYDGNNSYDDAGNYIKSQFLDLNMRKDVKEIYSHMTCATDTQNVKFVFDAVTDIIIKENLKD

CGLF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Concentration: >0.05 μg/μL as determined by microplate BCA method

Labeling Method: Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3

Storage: Store at -80°C. Avoid repeated freeze-thaw cycles.

Stability: Stable for 3 months from receipt of products under proper storage and handling conditions.

RefSeq: NP 005263

RefSeq Size: 1384 RefSeq ORF: 1062

Synonyms: ACHM4; GNATC

Locus ID: 2780





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

Cytogenetics: 1p13.3

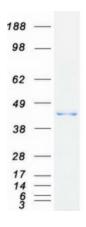
Summary: Transducin is a 3-subunit guanine nucleotide-binding protein (G protein) which stimulates the

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]).