

Product datasheet for **TP324201M**

GNAT3 (NM_001102386) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human guanine nucleotide binding protein, alpha transducing 3 (GNAT3), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC224201 representing NM_001102386 Red =Cloning site Green =Tags(s)

MGSGISSESKESAKRSKELEKKLQEDAERDARTVKLLLLGAGESGKSTIVKQMKIIHKNGYSEQECMEFK
AVIYSNTLQSI LAIVKAMTTLGIDYVNP RSAEDQRQLYAMANTLEDGGMTPQLAEVIKRLWRDPGIQACF
ERASEYQLNDS AAYYLNDLDRITASGYVPNEQDVLHSRVKTTGIETQFSFKDLHFRMFDVGGQRSERKK
WIHCFEGVTCIIFCAALSAYDMVLVEDEEVNRMHESLHLFNSICNHKYFSTTSIVLFLNKKDIFQEKVTK
VHLSICFPEYTGPNTFEDAGNYIKNQFLDLNLKKEDKEYSHMTCATDTQNVKVFVDAVTDIIKENLKD
CGLF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	40.2 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>NP_001095856</u>



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Locus ID: 346562

UniProt ID: [A8MTJ3](#)

RefSeq Size: 1065

Cytogenetics: 7q21.11

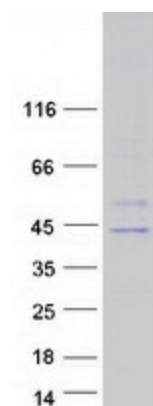
RefSeq ORF: 1062

Synonyms: GDCA

Summary: Sweet, bitter, and umami tastes are transmitted from taste receptors by a specific guanine nucleotide binding protein. The protein encoded by this gene is the alpha subunit of this heterotrimeric G protein, which is found not only in the oral epithelium but also in gut tissues. Variations in this gene have been linked to metabolic syndrome. [provided by RefSeq, Dec 2015]

Protein Pathways: Taste transduction

Product images:



Coomassie blue staining of purified GNAT3 protein (Cat# [TP324201]). The protein was produced from HEK293T cells transfected with GNAT3 cDNA clone (Cat# [RC224201]) using MegaTran 2.0 (Cat# [TT210002]).