Recombinant Human GNAT3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. GNAT3-5402H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GNAT3 MS Standard C13 and N15-labeled recombinant protein (NP_001095856) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	40.2 kDa
AA Sequence	MGSGISSESKESAKRSKELEKKLQEDAERDARTVKLLLLGAGESGKSTIVKQMKIIHK NGYSEQECMEFKAVIYSNTLQSILAIVKAMTTLGIDYVNPRSAEDQRQLYAMANTLED GGMTPQLAEVIKRLWRDPGIQACFERASEYQLNDSAAYYLNDLDRITASGYVPNEQ DVLHSRVKTTGIIETQFSFKDLHFRMFDVGGQRSERKKWIHCFEGVTCIIFCAALSAY DMVLVEDEEVNRMHESLHLFNSICNHKYFSTTSIVLFLNKKDIFQEKVTKVHLSICFPE YTGPNTFEDAGNYIKNQFLDLNLKKEDKEIYSHMTCATDTQNVKFVFDAVTDIIIKENL KDCGLFTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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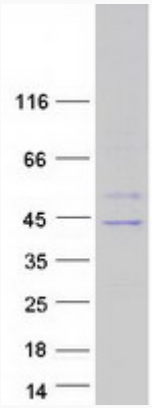
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	GNAT3 G protein subunit alpha transducin 3 [Homo sapiens (human)]
Official Symbol	GNAT3
Synonyms	GNAT3; guanine nucleotide binding protein, alpha transducing 3; guanine nucleotide-binding protein G(t) subunit alpha-3; GDCA; gustducin; gustducin alpha-3 chain;
Gene ID	346562
mRNA Refseq	NM_001102386
Protein Refseq	NP_001095856
MIM	139395
UniProt ID	A8MTJ3

SDS-PAGE	

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