

## Product datasheet for PH305899

### GNGT1 (NM\_021955) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	GNGT1 MS Standard C13 and N15-labeled recombinant protein (NP_068774)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205899
Predicted MW:	8.5 kDa
Protein Sequence:	>RC205899 protein sequence Red=Cloning site Green=Tags(s)  MPVINIEDLTEKDKLKMEVDQLKKEVTLERMLVSKCEEVRDYVEERSGEDPLVKGIPEDKNPFKELKGG CVIS  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:	<a href="#">NP_068774</a>
RefSeq Size:	628
RefSeq ORF:	222
Synonyms:	GNG1
Locus ID:	2792
UniProt ID:	<a href="#">P63211</a>
Cytogenetics:	7q21.3



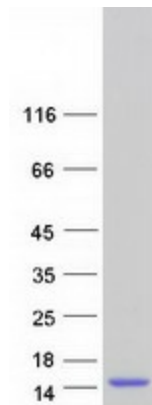
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**Summary:** This gene encodes the gamma subunit of transducin, a guanine nucleotide-binding protein (G protein) that is found in rod outer segments. Transducin, also known as GMPase, mediates the activation of a cyclic GTP-specific (guanosine monophosphate) phosphodiesterase by rhodopsin. [provided by RefSeq, Jul 2016]

**Protein Families:** Druggable Genome

**Protein Pathways:** Chemokine signaling pathway

**Product images:**



Coomassie blue staining of purified GNGT1 protein (Cat# [TP305899]). The protein was produced from HEK293T cells transfected with GNGT1 cDNA clone (Cat# [RC205899]) using MegaTran 2.0 (Cat# [TT210002]).