

## Product datasheet for PH309299

### GN2 (NM\_053064) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	GN2 MS Standard C13 and N15-labeled recombinant protein (NP_444292)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209299
Predicted MW:	7.9 kDa
Protein Sequence:	>RC209299 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MASNNTASIAQARKLVEQLKMEANIDRIKVSAAAADLMAYCEAHAKEDPLLTPVPASENPFREKKFFCAI L  <b>TR</b> TRPLEQKLISEEDLAANDILDYKDDDDKV
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_444292</a>
RefSeq Size:	3903
RefSeq ORF:	213
Locus ID:	54331
UniProt ID:	<a href="#">P59768</a>
Cytogenetics:	14q22.1



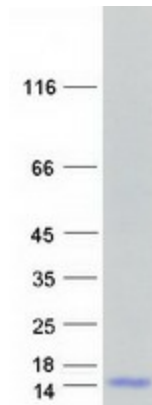
[View online »](#)

**Summary:** This gene encodes one of the gamma subunits of a guanine nucleotide-binding protein. Such proteins are involved in signaling mechanisms across membranes. Various subunits forms heterodimers which then interact with the different signal molecules. [provided by RefSeq, Aug 2011]

**Protein Families:** Druggable Genome

**Protein Pathways:** Chemokine signaling pathway

**Product images:**



Coomassie blue staining of purified GNG2 protein (Cat# [TP309299]). The protein was produced from HEK293T cells transfected with GNG2 cDNA clone (Cat# [RC209299]) using MegaTran 2.0 (Cat# [TT210002]).