

## Product datasheet for PH302169

### GNG11 (NM\_004126) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	GNG11 MS Standard C13 and N15-labeled recombinant protein (NP_004117)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202169
Predicted MW:	8.5 kDa
Protein Sequence:	>RC202169 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MPALHIEDLPEKEKLMKEVEQLRKEVKLQRQQVSKCSEEEKNYIEERSGEDPLVKGIPEDKNPFKEKGGSC VIS  <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_004117</a>
RefSeq Size:	964
RefSeq ORF:	219
Synonyms:	GNGT11
Locus ID:	2791
UniProt ID:	<a href="#">P61952</a> , <a href="#">Q53Y01</a>
Cytogenetics:	7q21.3



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**Summary:**

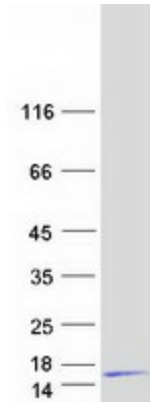
This gene is a member of the guanine nucleotide-binding protein (G protein) gamma family and encodes a lipid-anchored, cell membrane protein. As a member of the heterotrimeric G protein complex, this protein plays a role in this transmembrane signaling system. This protein is also subject to carboxyl-terminal processing. Decreased expression of this gene is associated with splenic marginal zone lymphomas. [provided by RefSeq, Jul 2008]

**Protein Families:**

Druggable Genome

**Protein Pathways:**

Chemokine signaling pathway

**Product images:**

Coomassie blue staining of purified GNG11 protein (Cat# [TP302169]). The protein was produced from HEK293T cells transfected with GNG11 cDNA clone (Cat# [RC202169]) using MegaTran 2.0 (Cat# [TT210002]).