

Product datasheet for PH303892

GNGT2 (NM_031498) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	GNGT2 MS Standard C13 and N15-labeled recombinant protein (NP_113686)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203892
Predicted MW:	7.7 kDa
Protein Sequence:	>RC203892 protein sequence Red=Cloning site Green=Tags(s) MAQDLSEKDLLKMEVEQLKKEVKNTRIPISKAGKEIKEYVEAQAGNDPFLKGIPEKDPKPFKEKGGCLIS 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:	NP_113686
RefSeq Size:	1057
RefSeq ORF:	207
Synonyms:	G-GAMMA-8; G-GAMMA-C; GNG9; GNGT8
Locus ID:	2793
UniProt ID:	O14610
Cytogenetics:	17q21.32



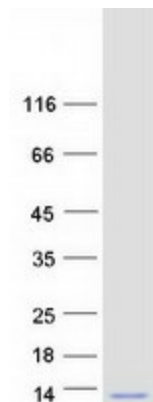
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Summary: Phototransduction in rod and cone photoreceptors is regulated by groups of signaling proteins. The encoded protein is thought to play a crucial role in cone phototransduction. It belongs to the G protein gamma family and localized specifically in cones. Several transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Nov 2010]

Protein Families: Druggable Genome

Protein Pathways: Chemokine signaling pathway

Product images:



Coomassie blue staining of purified GNGT2 protein (Cat# [TP303892]). The protein was produced from HEK293T cells transfected with GNGT2 cDNA clone (Cat# [RC203892]) using MegaTran 2.0 (Cat# [TT210002]).