

Product datasheet for PH310455

GNG10 (NM_001017998) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	GNG10 MS Standard C13 and N15-labeled recombinant protein (NP_001017998)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC210455
Predicted MW:	7.2 kDa
Protein Sequence:	>RC210455 protein sequence Red=Cloning site Green=Tags(s) MSSGASASALQRLVEQLKLEAGVERIKVSQAAELQQYCMQNACKDALLVGVPAGSNPFREPRSCALL 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_001017998
RefSeq Size:	1269
RefSeq ORF:	204
Locus ID:	2790
UniProt ID:	P50151 , A0A024R156
Cytogenetics:	9q31.3



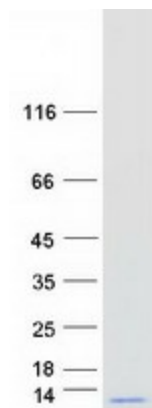
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Summary: Guanine nucleotide-binding proteins (G proteins) are involved as a modulator or transducer in various transmembrane signaling systems. The beta and gamma chains are required for the GTPase activity, for replacement of GDP by GTP, and for G protein-effector interaction. Interacts with beta-1 and beta-2, but not with beta-3.[UniProtKB/Swiss-Prot Function]

Protein Families: Druggable Genome

Protein Pathways: Chemokine signaling pathway

Product images:



Coomassie blue staining of purified GNG10 protein (Cat# [TP310455]). The protein was produced from HEK293T cells transfected with GNG10 cDNA clone (Cat# [RC210455]) using MegaTran 2.0 (Cat# [TT210002]).