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Product datasheet for PH312301

GNG8 (NM_033258) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	GNG8 MS Standard C13 and N15-labeled recombinant protein (NP_150283)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC212301
Predicted MW:	7.8 kDa
Protein Sequence:	>RC212301 protein sequence Red=Cloning site Green=Tags(s) MSNNMAKIAEARKTVEQLKLEVNIDRMKVSQAAAELLAFCETHAKDDPLVTPVPAAENPFRDKRLFCVLL 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_150283
RefSeq Size:	213
RefSeq ORF:	212
Locus ID:	94235
UniProt ID:	Q9UK08
Cytogenetics:	19q13.32

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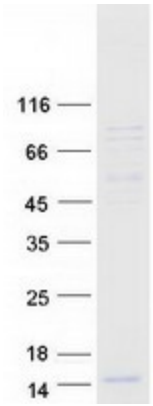
Summary: Guanine nucleotide-binding proteins (G proteins) are involved as a modulator or transducer in various transmembrane signaling systems. The beta and gamma chains are required for the GTPase activity, for replacement of GDP by GTP, and for G protein-effector interaction. [UniProtKB/Swiss-Prot Function]

Protein Families: Druggable Genome

Protein Pathways: Chemokine signaling pathway

Product images:



Coomassie blue staining of purified GNG8 protein (Cat# [TP312301]). The protein was produced from HEK293T cells transfected with GNG8 cDNA clone (Cat# [RC212301]) using MegaTran 2.0 (Cat# [TT210002]).