

Recombinant Human GNG10 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. GNG10-6621H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GNG10 MS Standard C13 and N15-labeled recombinant protein (NP_001017998) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	7.2 kDa
AA Sequence	MSSGASASALQRLVEQLKLEAGVERIKVSQAAAELQQYCMQNACKDALLVGVPAGS NPFREPRSCALLTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

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Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name GNG10 G protein subunit gamma 10 [Homo sapiens (human)]

Official Symbol GNG10

Synonyms GNG10; G protein subunit gamma 10; guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-10; guanine nucleotide binding protein (G protein), gamma 10; guanine nucleotide binding protein 10

Gene ID 2790

mRNA Refseq NM_001017998

Protein Refseq NP_001017998

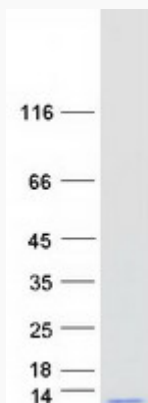
MIM 604389

UniProt ID P50151

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SDS-PAGE

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