

Recombinant Human GNG5 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. GNG5-6089H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GNG5 MS Standard C13 and N15-labeled recombinant protein (NP_005265) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	G proteins are trimeric (alpha-beta-gamma) membrane-associated proteins that regulate flow of information from cell surface receptors to a variety of internal metabolic effectors. Interaction of a G protein with its activated receptor promotes exchange of GTP for GDP that is bound to the alpha subunit. The alpha-GTP complex dissociates from the beta-gamma heterodimer so that the subunits, in turn, may interact with and regulate effector molecules.
Molecular Mass	7.3 kDa
AA Sequence	MSGSSSVAAMKKVVQQLRLEAGLN RVKVSQAAADLKQFCLQNAQRHDP LLTGVSSTNPF RPQKVCSFLTRTRPLEQKLISEEDLAANDILDYKDDDDKV
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.

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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

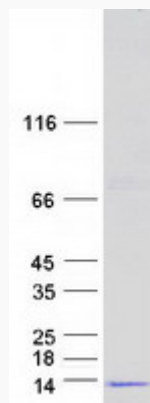
GENE INFORMATION

Gene Name	GNG5 G protein subunit gamma 5 [Homo sapiens (human)]
Official Symbol	GNG5
Synonyms	GNG5; guanine nucleotide binding protein (G protein), gamma 5; guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-5; FLJ92393;
Gene ID	2787
mRNA Refseq	NM_005274
Protein Refseq	NP_005265
MIM	600874
UniProt ID	P63218

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SDS-PAGE

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