

Recombinant Human GNG12 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. GNG12-3810H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GNG12 MS Standard C13 and N15-labeled recombinant protein (NP_061329) 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.
Molecular Mass	7.9 kDa
AA Sequence	MSSKTASTNNIAQARRTVQQLRLEASIEGIKVS KASADLMSYCEEHARSDPLLIGIPT SENPFKDKKTCIILTRTRPLEQKLISEEDLAANDILDYKDDDDKV
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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Concentration 50 µg/mL as determined by BCA

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

GENE INFORMATION

Gene Name GNG12 G protein subunit gamma 12 [Homo sapiens (human)]

Official Symbol GNG12

Synonyms GNG12; guanine nucleotide binding protein (G protein), gamma 12; guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-12; G-protein gamma-12 subunit; FLJ31352; FLJ34695;

Gene ID 55970

mRNA Refseq NM_018841

Protein Refseq NP_061329

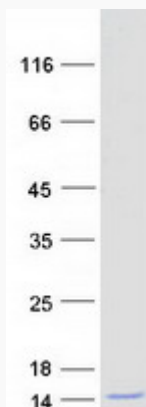
MIM 615405

UniProt ID Q9UBI6

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SDS-PAGE

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