Recombinant Human GNG13 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. GNG13-2629H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GNG13 MS Standard C13 and N15-labeled recombinant protein (NP_057625) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Heterotrimeric G proteins, which consist of alpha, beta, and gamma subunits, function as signal transducers for the 7-transmembrane-helix G protein-coupled receptors. GNG13 is a gamma subunit that is expressed in taste, retinal, and neuronal tissues and plays a key role in taste transduction.
Molecular Mass	7.9 kDa
AA Sequence	MEEWDVPQMKKEVESLKYQLAFQREMASKTIPELLKWIEDGIPKDPFLNPDLMKNN PWVEKGKCTILTRTRPLEQKLISEEDLAANDILDYKDDDDKV
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	GNG13 G protein subunit gamma 13 [Homo sapiens (human)]
Official Symbol	GNG13
Synonyms	GNG13; G protein subunit gamma 13; h2-35; G(gamma)13; guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-13; G gamma subunit, clone:h2-35; guanine nucleotide binding protein (G protein), gamma 13; guanine nucleotide binding protein 13, gamma
Gene ID	51764
mRNA Refseq	NM_016541
Protein Refseq	NP_057625
MIM	607298
UniProt ID	Q9P2W3

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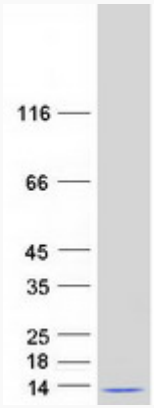
SDS-PAGE	

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