

Recombinant Human GNGT1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. GNGT1-3487H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GNGT1 MS Standard C13 and N15-labeled recombinant protein (NP_068774) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes the gamma subunit of transducin, a guanine nucleotide-binding protein (G protein) that is found in rod outer segments. Transducin, also known as GMPase, mediates the activation of a cyclic GTP-specific (guanosine monophosphate) phosphodiesterase by rhodopsin.
Molecular Mass	8.5 kDa
AA Sequence	MPVINIEDLTEKDKLKMEVDQLKKEVTLERMLVSKCCEEVRDYVEERSGEDPLVKGI PEDKNPFKELKGGCVISTRTRPLEQKLISEEDLAANDILDYKDDDDKV
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 [GNGT1 G protein subunit gamma transducin 1 \[Homo sapiens \(human\) \]](#)

Official Symbol [GNGT1](#)

Synonyms GNGT1; guanine nucleotide binding protein (G protein), gamma transducing activity polypeptide 1; guanine nucleotide-binding protein G(T) subunit gamma-T1; GNG1; transducin gamma chain;

Gene ID [2792](#)

mRNA Refseq [NM_021955](#)

Protein Refseq [NP_068774](#)

MIM [189970](#)

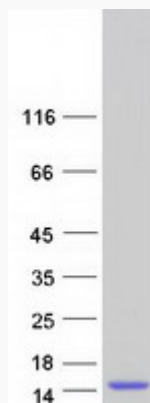
UniProt ID [P63211](#)

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SDS-PAGE



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