

Recombinant Human GNGT2 Protein, GST-tagged

Cat. No. GNGT2-5077H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GNGT2 full-length ORF (AAH08663, 1 a.a. - 69 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	Phototransduction in rod and cone photoreceptors is regulated by groups of signaling proteins. The encoded protein is thought to play a crucial role in cone phototransduction. It belongs to the G protein gamma family and localized specifically in cones. There is evidence for use of multiple polyadenylation sites by this gene. [provided by RefSeq]
Molecular Mass	33.33 kDa
AA Sequence	MAQDLSEKDLLKMEVEQLKKEVKNTRIPISKAGKEIKEIYVEAQAGNDPFLKGIPEDKN PFKEKGGCLIS
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.

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Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	GNGT2 guanine nucleotide binding protein (G protein), gamma transducing activity polypeptide 2 [Homo sapiens]
Official Symbol	GNGT2
Synonyms	GNGT2; guanine nucleotide binding protein (G protein), gamma transducing activity polypeptide 2; guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-T2; GNG9; G-gamma-9; g gamma-C; gamma-T2 subunit; G protein cone gamma 8 subunit; guanine nucleotide binding protein gamma 9; guanine nucleotide binding protein gamma transducing activity polypeptide 2; GNG8; GNGT8; G-GAMMA-8; G-GAMMA-C;
Gene ID	2793
mRNA Refseq	NM_001198754
Protein Refseq	NP_001185683
MIM	139391
UniProt ID	O14610

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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