Recombinant Full Length Human GNGT2 Protein, GST-tagged

Cat. No. GNGT2-5394HF **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	In Vitro Cell Free System
ProteinLength	69 amino acids
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	MAQDLSEKDLLKMEVEQLKKEVKNTRIPISKAGKEIKEYVEAQAGNDPFLKGIPEDKN PFKEKGGCLIS
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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Notes	Best use within three months from the date of receipt of this protein.
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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