

Product datasheet for **TP303892L**

GNGT2 (NM_031498) Human Recombinant Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human guanine nucleotide binding protein (G protein), gamma transducing activity polypeptide 2 (GNGT2), 1 mg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC203892 protein sequence Red =Cloning site Green =Tags(s) MAQDLSEKDLLKMEVEQLKKEVKNTRIPISKAGKEIKEYVEAQAGNDPFLKGIPEDKNPFKEKGGCLIS TRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| Tag: | C-Myc/DDK |
| Predicted MW: | 7.6 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Preparation: | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |
| Note: | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage: | Store at -80°C. |
| Stability: | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| RefSeq: | NP_113686 |
| Locus ID: | 2793 |
| UniProt ID: | O14610 |
| RefSeq Size: | 1057 |
| Cytogenetics: | 17q21.32 |



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RefSeq ORF: 207

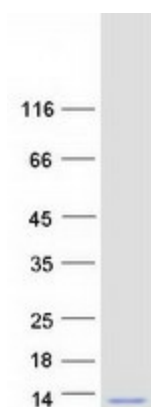
Synonyms: G-GAMMA-8; G-GAMMA-C; GNG9; GNGT8

Summary: 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. Several transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Nov 2010]

Protein Families: Druggable Genome

Protein Pathways: Chemokine signaling pathway

Product images:



Coomassie blue staining of purified GNGT2 protein (Cat# [TP303892]). The protein was produced from HEK293T cells transfected with GNGT2 cDNA clone (Cat# [RC203892]) using MegaTran 2.0 (Cat# [TT210002]).