

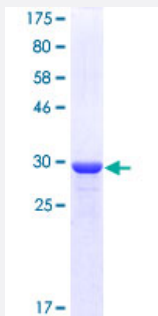
Full-Length

GNGT1 (Human) Recombinant Protein (P01)

Catalog # H00002792-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human GNGT1 full-length ORF (AAH29367, 1 a.a. - 74 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MPVINIEDLTEKDKLKMEVDQLKKEVTLERMLVSKCCEEVRDYVEERSGEDPLVKGIPEDKNPFK ELKGGCVIS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	33.88
Interspecies Antigen Sequence	Mouse (97); Rat (95)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — GNGT1

Entrez GeneID [2792](#)

GeneBank Accession# [BC029367](#)

Protein Accession# [AAH29367](#)

Gene Name GNGT1

Gene Alias GNG1

Gene Description guanine nucleotide binding protein (G protein), gamma transducing activity polypeptide 1

Omim ID [189970](#)

Gene Ontology [Hyperlink](#)

Gene Summary Heterotrimeric guanine nucleotide-binding proteins (G proteins) transduce extracellular signals received by transmembrane receptors to effector proteins. Transducin is a guanine nucleotide-binding protein found specifically in rod outer segments, where it mediates activation by rhodopsin of a cyclic GTP-specific (guanosine monophosphate) phosphodiesterase. Transducin is also referred to as GMPase. GNGT1 encodes the gamma subunit of transducin (Hurley et al., 1984 [PubMed 6438626]; Scherer et al., 1996 [PubMed 8661128]).[supplied by OMIM]

Other Designations OTTHUMP00000024526

Pathway

- [Chemokine signaling pathway](#)