

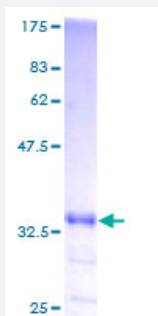
Full-Length

GNG2 (Human) Recombinant Protein (P01)

Catalog # H00054331-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human GNG2 full-length ORF (AAH20774, 1 a.a. - 71 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MASNNTASIAQARKLVEQLKMEANDRIKVSAAAADLMAYCEAHAKEDPLLTPVPASENPFREKKFFCAIL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	33.55
Interspecies Antigen Sequence	Rat (98)
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 — GNG2

Entrez GeneID	54331
GeneBank Accession#	BC020774
Protein Accession#	AAH20774
Gene Name	GNG2
Gene Alias	-
Gene Description	guanine nucleotide binding protein (G protein), gamma 2
Omim ID	606981
Gene Ontology	Hyperlink
Gene Summary	Heterotrimeric G proteins play vital roles in cellular responses to external signals. The specificity of a G protein-receptor interaction is primarily mediated by the gamma subunit.[supplied by OMIM]
Other Designations	guanine nucleotide binding protein gamma 2 guanine nucleotide-binding protein G(I)/G(O) gamma a-2 subunit

Pathway

- [Chemokine signaling pathway](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)