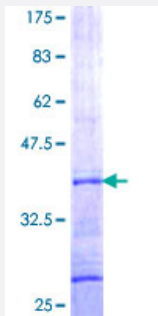


GGA3 (Human) Recombinant Protein (Q01)

Catalog # H00023163-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human GGA3 partial ORF (NP_619525, 246 a.a. - 345 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	ELMKELFDQCENKRRTLFKLASETEDNDNSLGDILQASDNLRSRVINSYKTIIEGQVINGEVATLTLPD SEGNSQCSNQGTLDLAELDTTNSLSSVLAPA
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (80); Rat (72)
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 — GGA3

Entrez GeneID [23163](#)

GeneBank Accession# [NM_138619](#)

Protein Accession# [NP_619525](#)

Gene Name GGA3

Gene Alias KIAA0154

Gene Description golgi associated, gamma adaptin ear containing, ARF binding protein 3

Omim ID [606006](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the Golgi-localized, gamma adaptin ear-containing, ARF-binding (GGA) family. This family includes ubiquitous coat proteins that regulate the trafficking of proteins between the trans-Golgi network and the lysosome. These proteins share an amino-terminal VHS domain which mediates sorting of the mannose 6-phosphate receptors at the trans-Golgi network. They also contain a carboxy-terminal region with homology to the ear domain of gamma-adaptins. Alternative splicing of this gene results in two transcript variants. [provided by RefSeq]

Other Designations ADP-ribosylation factor binding protein 3|Golgi-localized, gamma ear-containing, ARF-binding protein 3

Pathway

- [Lysosome](#)