

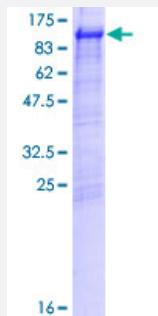
Full-Length

GGA3 (Human) Recombinant Protein (P01)

Catalog # H00023163-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human GGA3 full-length ORF (AAH70044.1, 1 a.a. - 690 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAEAGESLESWLNKATNPSNRQEDWEYIGFCDQINKELEGPQIAVRLLAHKIQSPQEWEALQA
LTYLGDRVSEKVKTKVIELLYSWTMALPEEAKIKDAYHMLKRQGMQSDPPIPVDRTLIPSPPPRPK
NPVFDDEEKSKLLAKLLKSKNPDDLQEANKLIKSMVKEDEARIQKVTKRLHTLEEVENNNVRLSE
MLLHYSQEDSSDGDRELMKELFDQCENKRRTLFKLASETEDNDNSLGDILQASDNLRSVINSYKI
IEGQVINGEVATLTLPDSEGNSSQCSNQGTLIDLAELDTTNSLSSVLAPAPTPSSGIPILPPPPQAS
GPPRSRSSSQAEATLGPSSSTSNALSWLDEELLCLGLADPAPNVPPKESAGNSQWHLLQREQSD
LDFFSPRPGTAACGASDAPLLKPSAPSSSSSQAPLPPPPFAPVVPASVPASAGSSSLFSTGVA
PALAPKVEPAVPGHHGLALGNSALHHLDALDQLLEEAKVTSGLVKPTTSPLIPTTTTPARLLPFST
GPGSPLFQPLSFQSQGSPPKGPELSLASHVPLESIKPSSALPVTAYDKNGFRILFHFAKECPPGR
PDVLVVVSMNLNTAPLPVKSNLQAAVPKSMKVKLQPPSGTELSPFSPIQPPAAITQVMLLANPLK
EKVRLRYKLTALGEQLSTEVGEVDQFPPVEQWGNL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

100.9

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#	BC070044.1
Protein Accession#	AAH70044.1
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](#)