

Recombinant Human GGA3 Protein, GST-tagged

Cat. No. GGA3-4867H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GGA3 full-length ORF (AAH70044.1, 1 a.a. - 690 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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]
Molecular Mass	100.9 kDa
AA Sequence	MAEAEGESLESWLNKATNPSNRQEDWEYIIGFCDQINKELEGPQIAVRLLAHKIQSP QEWEALQALTYLGDVSEKVKTKVIELLYSWTMALPEEAKIKDAYHMLKRQGIVQSD PPIPVDRTLIPSPPPRPKNPVFDDEEKSLLAKLLKSKNPDDLQEANKLIKSMVKEDE ARIQKVTKRLHTLEEVENNNVRLLSEMLLHYSQEDSSDGDRELMKELFDQCENKRR LFLKASETEDNDNSLGDILQASDNLRSRVINSYKTIIEGQVINGEVATLTLPDSEGN SNQGTLDLAELDTTNSLSSVLAPAPTPSSGIPILPPPPQASGPPRSRSSSQAEATL GPSSTSNALSWLDEELLCLGLADPAPNVPPKESAGNSQWHLLQREQSDLDFFSPRP

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GTAACGASDAPLLKPSAPSSSSSQAPLPPFPAPVVPASVPAPSAGSSLFSTGVAP
 ALAPKVEPAVPGHHGLALGNSALHHLDALDQLLEEAKVTSGLVKPTTSLIPTTTTPAR
 PLLPFSTGPGSPLFQPLSFQSQGSPPKGPELSLASIHVPLESIKPSSALPVTAYDKNG
 FRILFHFAKECPPGRPDVLVVVSMNLNTAPLPVKSIVLQAAVPKSMKVKLQPPSGTEL
 SPFSPIQPPAAITQVMLLANPLKEKVRLRYKLTFALGEQLSTEVEVDQFPPVEQWG
 NL

Applications

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

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

GGA3 golgi-associated, gamma adaptin ear containing, ARF binding protein 3 [[Homo sapiens](#)]

Official Symbol

[GGA3](#)

Synonyms

GGA3; golgi-associated, gamma adaptin ear containing, ARF binding protein 3; ADP-ribosylation factor-binding protein GGA3; KIAA0154; Golgi-localized, gamma ear-containing, ARF-binding protein 3; golgi associated, gamma adaptin ear containing, ARF binding protein 3;

Gene ID

[23163](#)

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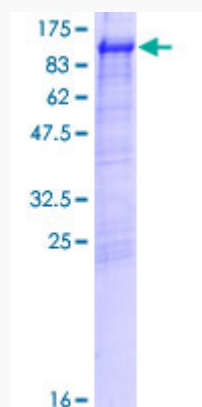
mRNA Refseq [NM_001172703](#)

Protein Refseq [NP_001166174](#)

MIM [606006](#)

UniProt ID [Q9NZ52](#)

**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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