

Recombinant Full Length Human GGA3 Protein, GST-tagged

Cat. No. GGA3-5453HF **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	In Vitro Cell Free System
ProteinLength	690 amino acids
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 QEWEALQALTYLGDRVSEKVKTKVIELLYSWTMALPEEAKIKDAYHMLKRQGIVQSD PPIPVDRTLIPSPPPRPKNPVFDDEEKSKLLAKLLKSKNPDDLQEANKLIKSMVKEDE ARIQKVTKRLHTLEEVENNNVRLLSEMLLHYSQEDSSDGDRELMKELFDQCENKRRT LFKLASETEDNDNSLGDILQASDNLRSRVINSYKTIIEGQVINGEVATLTLPDSEGNSSQC SNQGTLLDLAELDTTNSLSSVLAPAPTPPSSGIPILPPPPQASGPPRSRSSSQAEATL

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GPSSTSNALSWLDEELLCLGLADPAPNVPPKESAGNSQWHLLQREQSDLDFFSPRP
GTAACGASDAPLLKPSAPSSSSSQAPLPPFPAPVVPASVPAPSAGSSLFSTGVAP
ALAPKVEPAVPGHHGLALGNSALHHLDALDQLLEEAKVTSGLVKPTTSPLIPTTTTPAR
PLLPFSTGPGSPLFQPLSFQSQGSPPKGPESLASIHVPLESIKPSSALPVTAYDKNG
FRILFHFAKECPPGRPDVLVVVSM LNTAPLPVKSIVLQAAVPKSMKVKLQPPSGTEL
SPFSPIQPPAAITQVM LLANPLKEKVRLRYKLTFALGEQLSTEVG EVDQFPPVEQWG
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;

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Gene ID	23163
mRNA Refseq	NM_001172703
Protein Refseq	NP_001166174
MIM	606006
UniProt ID	Q9NZ52

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