

Full-Length

GGA2 (Human) Recombinant Protein (P01)

Catalog # H00023062-P01

Size 10 ug, 25 ug

Applications



Specification

Product Description

Human GGA2 full-length ORF (AAH00284, 1 a.a. - 613 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAATAVAAAVAGTESAQGPPGPAASLELWLNKATDPSMSEQDWSAIQNFCEQVNTDPNGPTHA
PWLLAHKIQSPQEKEALYALTVLEMCMNHCGEKFHSEVAKFRFLNELIKVLSPKYLGSWATGKVK
GRVIEILFSWTVWFPEDIKIRDAYQMLKKQGIIKQDPKLPVDKILPPPSPWPKSSIFDADEEESKLLT
RLLKSNHPEDLQAANRLIKNLVKEEQEKSEKVSkrVSAVEEVRSHVKVLQEMLSMYRRPGQAPP
DQEALQVVYERCEKLRPTLFRLASDTTDDDDALAEILQANDLLTQGVLLYKQVMEGRVTFGNRVT
SSLGDIPVSRVFQNPAGCMKTCPLIDLEVDNGPAQMGTVPVSLHQLDLAALGISDAPVTGMVSG
QNCCEEKRNPSSTLPGGGVQNPSADRNLDDLSPQPAPCPLNYSQKSVPEVPPGKSSPG
WSWEAGPLAPSPSSQNTPLAQVFVPLESVKPSLPLMYDRNGFRILLHFSQTGAPGHPEVQVL
LLTMMSTAPQPVDIMFQVAVPKSMRVKLQPASSSKLPAFSPLMPPAVISQMLLLDNPHKEPIRL
RYKLTFNQGGQPFSEVGEVKDFPDLAVLGAA

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

93.17

Interspecies Antigen Sequence

Mouse (84); Rat (85)

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 — GGA2

Entrez GeneID	23062
GeneBank Accession#	BC000284
Protein Accession#	AAH00284
Gene Name	GGA2
Gene Alias	FLJ20966, KIAA1080, VEAR
Gene Description	golgi associated, gamma adaptin ear containing, ARF binding protein 2
Omim ID	606005
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. This family member may play a significant role in cargo molecules regulation and clathrin-coated vesicle assembly. [provided by RefSeq]
Other Designations	ADP-ribosylation factor binding protein 2[VHS domain and ear domain-containing protein]

Pathway

- [Lysosome](#)