

Recombinant Full Length Human GGA2 Protein, GST-tagged

Cat. No. GGA2-5452HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GGA2 full-length ORF (AAH00284, 1 a.a. - 613 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	613 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. This family member may play a significant role in cargo molecules regulation and clathrin-coated vesicle assembly. [provided by RefSeq]
Molecular Mass	93.17 kDa
AA Sequence	MAATAVAAAVAGTESAQGPPGPAASLELWLNKATDPSMSEQDWSAIQNFCEQVNT DPNGPTHAPWLLAHKIQSPQEKEALYALTVLEMCMNHCGEKFHSEVAKFRFLNELIK VLSPKYLGSWATGKVKGRVIEILFSWTVWFPEDIKIRDAYQMLKKQGIIKQDPKLPVD KILPPPSPWPKSSIFDADEEKSKLLTRLLKSNHPEDLQAANRLIKNLVKEEQEKSEKV SKRVSAVEEVRSVHVKVLQEMLSMYRRPGQAPPDQEALQVVYERCEKLRPTLFRLAS

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DTTDDDDALAEILQANDLLTQGVLLYKQVMEGRVTFGNRVTSLSGDIPVSRVFQNPAGCMKTCPLIDLEVDNGPAQMGTVVPSLLHQDLAALGISDAPVTGMVSGQNCCEEKRNPSSTLPGGGVQNPSADRNLDLLSPQPAPCPLNYVSQKSVPKEVPPGTKSSPGWSWEAGPLAPSPSSQNTPLAQVFPLESVKPSSLPLIVYDRNGFRILLHFSQTGAPGHPEVQVLLL TMMSTAPQPVWDIMFQVAVPKSMRVKLQPASSSKLPAFSPLMPPAVISQMLLLDNPHKEPIRLRYKLTFFNQGGQPFSEVGEVKDFPDLAVLGAA

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
GGA2 golgi-associated, gamma adaptin ear containing, ARF binding protein 2 [Homo sapiens]

Official Symbol
GGA2

Synonyms
GGA2; golgi-associated, gamma adaptin ear containing, ARF binding protein 2; ADP-ribosylation factor-binding protein GGA2; KIAA1080; VEAR; gamma-adaptin-related protein 2; VHS domain and ear domain of gamma-adaptin; VHS domain and ear domain-containing protein; golgi-localized, gamma ear-containing, ARF-binding protein 2; golgi associated, gamma adaptin ear containing, ARF binding protein 2; FLJ20966;

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Gene ID	23062
mRNA Refseq	NM_015044
Protein Refseq	NP_055859
MIM	606005
UniProt ID	Q9UJY4

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