

Recombinant Human GGA1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. GGA1-1078H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GGA1 MS Standard C13 and N15-labeled recombinant protein (NP_001001560) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the Golgi-localized, gamma adaptin ear-containing, ARF-binding (GGA) protein family. Members of this family are 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. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	61.4 kDa
AA Sequence	MEPAMEPETLEARINRATNPLNKELDWASINGFCEQLNEDFEGPPLATRLLAHKIQS PQEWELAIQALTVLETCMKSCGKRFHDEVGKFRFLNELIKVVSPKYLGSRTSEKVKNK ILELLYSWTVGLPEEVKIAEAYQMLKKQGIVKSDPKLPDDTTFPLPPRPKNVIFEDEE KSKMLARLLKSSHPEDLRAANKLIKEMVQEDQKRMEKISKRVNAIEEVNNNVKLLTE MVMSHSQGGAAGSSEDLMKELYQRCERMPTLFRLASDTEDNDEALGLSDPTTP

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SGPSLDGTGWNSFQSSDATEPPAPALAQAPSMESRPPAQTSLPASSGLDDDLLG
 KTLQQLPPESQQVRWEKQQPTPRLTLRDLQNKSSSCSSPSSSATSLHTVSPEP
 PRPPQQPVPTELSLASITVPLESIKPSNILPVTVDQHGFRILFHFARDPLPGRSDVLV
 VVVSMLSTAPQPIRNIVFQSAVPKVMKVKLQPPSGTELPAFNPIVHPSAITQVLLANP
 QKEKVRLRYKLTFTMGDQTYNEMGDVDQFPPPETWGSLTRTRPLEQKLISEEDLAA
 NDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name GGA1 ADP-ribosylation factor binding protein [Homo sapiens (human)]

Official Symbol GGA1

Synonyms GGA1; ADP-ribosylation factor binding protein;

Gene ID 26088

mRNA Refseq NM_001001560

Protein Refseq NP_001001560

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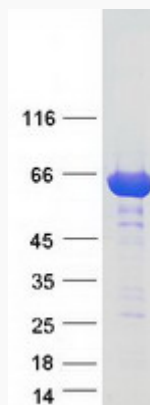
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MIM 606004

UniProt ID Q9UJY5

SDS-PAGE



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