Recombinant Human golgi associated, gamma adaptin ear containing, ARF binding protein 1 Protein, His tagged

Cat. No. GGA1-148H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human GGA1 protein (Q9UJY5) (Met 1-Phe 157) with a His tag at the C-terminus was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-157aa
Description	Plays a role in protein sorting and trafficking between the trans-Golgi network (TGN) and endosomes. Mediates the ARF-dependent recruitment of clathrin to the TGN and binds ubiquitinated proteins and membrane cargo molecules with a cytosolic acidic cluster-dileucine (DXXLL) motif. Mediates export of the GPCR receptor ADRA2B to the cell surface. Required for targeting PKD1:PKD2 complex from the trans-Golgi network to the cilium membrane. Regulates retrograde transport of proteins such as phosphorylated form of BACE1 from endosomes to the trans-Golgi network.
Tag	C-His
Molecular Mass	19.6 kDa
Endotoxin	Less than 1.0 EU/μg by the LAL method.
Purity	>95% as determined by SDS-PAGE.

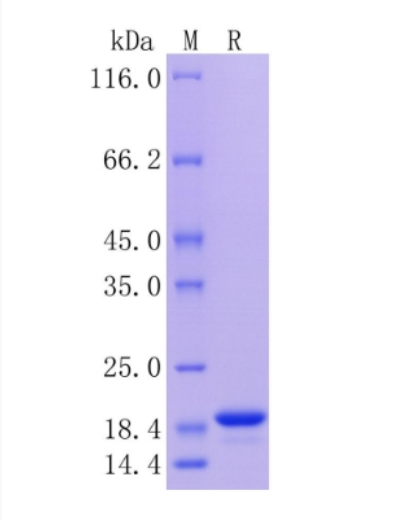
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Storage	Please avoid repeated freeze-thaw cycles. Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade. It is recommended that aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage Buffer	Lyophilized from a 0.2 μm filtered solution of PBS, pH7.4, 5% Trehalose, 5% mannitol.
Reconstitution	Reconstitute at 250 μg/mL in sterile water.

GENE INFORMATION

Gene Name	GGA1 golgi associated, gamma adaptin ear containing, ARF binding protein 1 [Homo sapiens (human)]
Official Symbol	GGA1
Synonyms	GGA1; golgi associated, gamma adaptin ear containing, ARF binding protein 1; ADP-ribosylation factor-binding protein GGA1; ADP-ribosylation factor binding protein 1; gamma-adaptin related protein 1; golgi-localized, gamma ear-containing, ARF-binding protein 1
Gene ID	26088
mRNA Refseq	NM_013365
Protein Refseq	NP_037497
MIM	606004
UniProt ID	Q9UJY5

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Protein on SDS-PAGE under reducing (R) condition.	

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