



Recombinant Human ADP-ribosylation factor-binding protein GGA1 (GGA1)

Product Code	CSB-EP890911HU
Abbreviation	GGA1
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9UJY5
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MEPAMEPETL EARINRATNP LNKELDWASI NGFCEQLNED FEGPPLATRL LAHQIQSPQE WEAIQALTVL ETCMKSCGKR FHDEVGKFRF LNELIKVVSP KYLGSRTSEK VKNKILELLY SWTVGLPEEV KIAEAYQMLK KQGIVKSDPK LPDDTTFPLP PPRPKNVIFE DEEKSKMLAR LLKSSHPEDL RAANKLIKEM VQEDQKRMEK ISKRVNAIEE VNNNVKLLTE MVMSSHQGGA AAGSSEDLMK ELYQRCERMR PTLFRLASDT EDNDEALAEI LQANDNLTQV INLYKQLVRG EEVNGDATAG SIPGSTSALL DLSGLDLPPA GTTYPAMPTR PGEQASPEQP SASVSLLDDE LMSLGLSDPT PPSGSLDGT GWNSFQSSDA TEPPAPALAQ APSMESRPPA QTSLPASSGL DDLDLLGKTL LQQSLPPESQ QVRWEKQQPT PRLTLRDLQN KSSSCSSPSS SATSLLHTVS PEPFRPPQQP VPTLSESLASI TVPLESIKPS NILPVTVYDQ HGFRILFHFA RDPLPGRSDV LVVVVSMMLST APQPIRNIV QSAVPKVMKV KLQPPSGTEL PAFNPIVHPS AITQVLLLAN PQKEKVRRLRY KLTFTMGDQT YNEMGDVDQF PPPETWGSL
Source	E.coli
Target Names	GGA1
Protein Names	Recommended name: ADP-ribosylation factor-binding protein GGA1 Alternative name(s): Gamma-adaptin-related protein 1 Golgi-localized, gamma ear-containing, ARF-binding protein 1
Expression Region	1-639
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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