



# Recombinant Human ADP-ribosylation factor-binding protein GGA3 (GGA3)

<b>Product Code</b>	CSB-MP882151HU
<b>Abbreviation</b>	GGA3
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q9NZ52
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MAEAEGESLE SWLNKATNPS NRQEDWEYII GFCDQINKEL EGPQIAVRLL AHKIQSPQEW EALQALTVLE ACMKNCGRRF HNEVGKFRFL NELIKVVSPK YLGDRVSEKV KTKVIELLYS WTMALPEEAK IKDAYHMLKR QGIVQSDPPI PVDRTLIPSP PPRPKNPVFD DEEKSKLLAK LLKSKNPDDL QEANKLIKSM VKEDEARIQK VTKRLHTLEE VNNNVRLLSE MLLHYSQEDS SDGDRELMKE LFDQCENKRR TLFKLASETE DNDNSLGDIL QASDNLSRVI NSYKTIIEGQ VINGEVATLT LPDSEGNQC SNQGTLDLA ELDTTNSLSS VLAPAPTPPS SGIPILPPP QASGPPRSRS SSQAEATLGP SSTSNAISWL DEELLCLGLA DPAPNVPPKE SAGNSQWHLL QREQSDLDF SPRPGTAACG ASDAPLLQPS APSSSSSQAP LPPFPAPVV PASVPAPSAG SSLFSTGVAP ALAPKVEPAV PGHHGLALGN SALHHLDALD QLLEEAKVTS GLVKPTTSPL IPTTTPARPL LPFSTGPGSP LFQPLSFQSQ GSPPKGPPELS LASIHVPLES IKPSSALPVT AYDKNGFRIL FHFAKECPPG RPDVLVVVVS MLNTAPLPVK SIVLQAAVPK SMKVKLQPPS GTELSPI QPPAAITQVM LLANPLKEKV RLRYKLTFAL GEQLSTEVGE VDQFPPVEQW GNL
<b>Source</b>	Mammalian cell
<b>Target Names</b>	GGA3
<b>Protein Names</b>	Recommended name: ADP-ribosylation factor-binding protein GGA3 Alternative name(s): Golgi-localized, gamma ear-containing, ARF-binding protein 3
<b>Expression Region</b>	1-723
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	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. Alternative splicing of this gene results in two transcript variants.

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**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.

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**Shelf Life**

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