



# Recombinant Human ADP-ribosylation factor-binding protein GGA2 (GGA2)

<b>Product Code</b>	CSB-EP891942HU-B
<b>Abbreviation</b>	GGA2
<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>	Q9UJY4
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MAATAVAAAV AGTESAQGPP GPAASLELWL NKATDPSMSE QDWSAIQNFC EQVNTDPNGP THAPWLLAHK IQSPQEKEAL YALTVLEMCM NHCGEKFHSE VAKFRFLNEL IKVLSPKYLK SWATGKVKGR VIEILFSWTV WFPEDIKIRD AYQMLKKQGI IKQDPKLPVD KILPPPSPWP KSSIFDADEE KSKLLTRLLK SNHPEDLQAA NRLIKNLVKE EQEKSEKVS RVSAREEVRS HVKVLQEMLS MYRRPGQAPP DQEALQVVEE RCEKLRPTLF RLASDTTDDD DALAEILQAN DLLTQGVLLY KQVMGRVTF GNRVTSSLGD IPVSRVFQNP AGCMKTCPLI DLEVDNGPAQ MGTVVPSLLH QDLAALGISD APVTGMVSGQ NCCEEKRNPS SSTLPGGGVQ NPSADRLLD LLSAQAPPCP LNYVSQKSVP KEVPPGKSS PGWSWEAGPL APSPSSQNTPLAQVFPLES VKPSSLPLI VYDRNGFRIL LHFSQTGAPG HPEVQVLLLT MMSTAPQPWW DIMFQVAVPK SMRVKLPAS SSKLPAFSPL MPPAVISQML LLDNPHKEPI RLRYKLTFNQ GGQPFSEVGE VKDFPDLAVL GAA
<b>Source</b>	E.coli
<b>Target Names</b>	GGA2
<b>Protein Names</b>	Recommended name: ADP-ribosylation factor-binding protein GGA2 Alternative name(s): Gamma-adaptin-related protein 2 Golgi-localized, gamma ear-containing, ARF-binding protein 2 VHS domain and ear domain of gamma-adaptin Short name=
<b>Expression Region</b>	1-613
<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. This family member may play a significant role in cargo molecules regulation and clathrin-coated vesicle assembly.

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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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