



Recombinant Human ADP-ribosylation factor GTPase-activating protein 1 (ARFGAP1)

Product Code	CSB-YP843284HU
Abbreviation	ARFGAP1
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.	Q8N6T3
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MASPRTRKVL KEVRVQDENN VCFECGAFNP QWVSVTYGIW ICLECSGRHR GLGVHLSFVR SVTMDKWKDI ELEKMKAGGN AKFREFLESQ EDYDPCWSLQ EKYNSRAAAL FRDKVVALAE GREWSLESSP AQNWTPPQPR TLPSMVHRVS GQPQSVTASS DKAFEDWLND DLGSYQGAQG NRYVGFNTG PPQKKEDDFL NNAMSSLYSG WSSFTTGASR FASAAKEGAT KFGSQASQKA SELGHSLNEN VLKPAQEKVK EGKIFDDVSS GVSQKASKVQ GVGSKGWRDV TFFSGKAEG PLDSPSEGHG YQNSGLDHFQ NSNIDQSFWE TFGSAEPTKT RKSPSSDSWT CADTSTERRS SDSWEVWGSA STNRNSNSDG GEGGEGTKKA VPPAVPTDDG WDNQNW
Source	Yeast
Target Names	ARFGAP1
Protein Names	Recommended name: ADP-ribosylation factor GTPase-activating protein 1 Short name= ARF GAP 1 Alternative name(s): ADP-ribosylation factor 1 GTPase-activating protein Short name= ARF1 GAP ARF1-directed GTPase-activating protein
Expression Region	1-406
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 protein is a GTPase-activating protein (GAP) which associates with the Golgi apparatus and which interacts with ADP-ribosylation factor 1 (ARF1). The encoded protein promotes hydrolysis of ARF1-bound GTP and is required for the dissociation of coat proteins from Golgi-derived membranes and vesicles. Dissociation of the coat proteins is required for the fusion of these vesicles with target compartments. The activity of this protein is stimulated by phosphoinositides and inhibited by phosphatidylcholine. Two 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

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.