



Recombinant Rat ADP-ribosylation factor GTPase-activating protein 3 (Arfgap3)

Product Code	CSB-EP680171RA
Abbreviation	Arfgap3
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.	Q4KLN7
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥85% (SDS-PAGE)
Sequence	MGDPSKQDIL AIFKRLRSVP TNKVCFD CGA KNPSWASISY GVFLCIDCSG SHRSLGVHLS FIRSTELDSN WSWFQLRCMQ VGGNANASSF FHQHGCATKD TNAKYNSRAA QLYREKIKTL ATQATRRHGT DLWLDS CAAP PASPPPKEED FFASHASLEV SGATQASAQP EPASSTPWGL ETTPEKHEGG PGQGPSVEGL NTPGKTAPAE VSSIIKKKPN QAKKGLGAKK GSLGAQKLTN TSFTEIEKQA QAVDKRKEQE DLARGTPKEE SIVSSLRLAY KDLEIHKKQD ERLNLSGQKK AEAERLGMGF GSCRGGISHS VTSDMQTIEQ ESPTLAKPRR KYQEDPEDSY FSSSSKWSEQ SSSRYFDDPM ELRSSHFSSW DDSADSYWKK DSSRDPEPAT KSTGSSDRPS SRRKPEYEPV GNTDEAQKKF GNVKAISSDM YFGIQSQTDF ETRARLERLS TSSSISSADL FDEQRKQTTG NYNLSNVLPN APDMAQFKQG VRSVAGKLSV FANGVMTSIQ DRYGS
Source	E.coli
Target Names	Arfgap3
Protein Names	Recommended name: ADP-ribosylation factor GTPase-activating protein 3 Short name= ARF GAP 3
Expression Region	1-525
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) that associates with the Golgi apparatus and regulates the early secretory pathway of proteins. The encoded protein promotes hydrolysis of ADP-ribosylation factor 1 (ARF1)-bound GTP, which is required for the dissociation of coat proteins from Golgi-derived membranes and vesicles. Dissociation of the coat proteins is a prerequisite for the fusion of these vesicles with target compartments. The activity of this protein is sensitive to phospholipids. Multiple transcript variants encoding different



isoforms have been found for this gene. This gene was originally known as ARFGAP1, but that is now the name of a related but different 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.