



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

<b>Product Code</b>	CSB-EP887553MO
<b>Abbreviation</b>	Arfgap3
<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>	Q9D8S3
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MGDPSKQDIL AIFKRLRSVP TNKVCFD CGA KNPSWASISY GVFLCIDCSG SHRSLGVHLS FIRSTELDSN WSWFQLRCMQ VGGNSNASSF FHQHGCATKD TNAKYNSRAA QLYREKIKTL ATQATRRHGT DLWLDS CAAP PVSPPPKEED FFASHASLEV SGAMQASAQP ESASSTPWGL ETTPEKHEGG PGQGPSVEGL NTPGKAAPEV SSIKKKPNQ AKKGLGAKKG SLGAQKLTNT SFTEIEKQAQ AVDKRKEQED LARGAPKEES IVSSLRLAYK DLEISRKKDE RLNL SGQKKV EAERLGMGFG SCRSGISHSV TSDMQTIEQE SPTLAKPRRK YQEDPEDSYF SSSSKWSEQS SRYFDDPMEL RSSSFSSWDD GADSYWKKDS SRDPEPAMRS TGSSDRPSAR RKPEYEPIGS TDEAQKKFGN VKAISSDMYF GIQAQTFET RARLERLSTS SSISSADLFD EQRKQTAGNY NLSNVLPNAP DMAQFKQGVR SVAGKLSVFA NGVMTSIQDR YGS
<b>Source</b>	E.coli
<b>Target Names</b>	Arfgap3
<b>Protein Names</b>	Recommended name: ADP-ribosylation factor GTPase-activating protein 3 Short name= ARF GAP 3
<b>Expression Region</b>	1-523
<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 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.

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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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