

ADP-Ribosylation Factor 1 Recombinant Protein | ARF1 recombinant protein

Recombinant Human ADP-Ribosylation Factor 1

CATALOG #
AAA38787

HOST
E Coli

PRODUCT SYNONYMS

ADP-Ribosylation Factor 1; Recombinant Human ADP-Ribosylation Factor 1; ARF1 Human; ADP-Ribosylation Factor 1 Human Recombinant; ARF-1; ADP-ribosylation factor 1; ARF1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90.0% as determined by SDS-PAGE.
Form/Format	The ARF1 protein solution (1mg/ml) containing 20mM Tris-HCl pH-8, 1mM DTT, 0.1M NaCl & 20% glycerol. Sterile filtered colorless solution.
Sequence	MGSSHHH HHHSSGLVPR GSHMGN IFANLFKGLF GKEMRILMV GLDAAGKTTI LYKLKLGEIV TTIPTIGFNV ETVEYKNISF TVWDVGGQDK IRPLWRHYFQ NTQGLIFVVD SDRERVNEA REELMRMLAE DELRDAVLLV FANKQDLPNA MNAAEITDKL GLHSLRHRNW YIQATCATSG DGLYEGLDWL SNQLRNQK
Sequence Length	181
Preparation and Storage	Store at 4 degree C if entire vial will be used within 2-4 weeks Store frozen at -20 degree C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles

ADDITIONAL INFORMATION

Related Product Information for ARF1 recombinant protein	Description: ARF1 Recombinant Human produced in E Coli is a single, non-glycosylated polypeptide chain containing 201 amino acids (1-181 a.a.) and having a molecular mass of 22.8 kDa. The ARF1 is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques. Introduction: ARF1 is a small guanine nucleotide-binding protein that increases the enzymatic activities of cholera toxin. ARF1 is necessary and ubiquitous in eukaryotes. ARF1 takes part in vesicular transport and functioning via phospholipase D activation. ARF1 is involved in membrane traffic and organelle integrity which are closely tied to their reversible association with membranes and distinct interactions with membrane phospholipids.
Product Categories/Family for ARF1 recombinant protein	Recombinant & Natural Proteins; Recombinant Proteins; ADP-Ribosylation Factor

NCBI AND UNIPROT INFORMATION

NCBI GI #	66879660
NCBI GeneID	375
NCBI Accession #	NP_001019397.1
NCBI GenBank Nucleotide #	NM_001024226.1
UniProt Accession #	P84077; P10947; P32889
Molecular Weight	20,697 Da

NCBI Official Full Name	ADP-ribosylation factor 1
NCBI Official Synonym Full Names	ADP-ribosylation factor 1
NCBI Official Symbol	ARF1
NCBI Protein Information	ADP-ribosylation factor 1
UniProt Protein Name	ADP-ribosylation factor 1
UniProt Gene Name	ARF1
UniProt Entry Name	ARF1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/arf1-recombinant-protein-e-coli/38787>