

ADP-ribosylation factor (ARF1), Recombinant Protein

Cat *RP10438*

Size 0.02 mg (E-Coli)/ 0.1 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 1

Species mg (E-Coli)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)

Full Product Name

Recombinant Zea mays ADP-ribosylation factor (ARF1)

Product Gene Name

ARF1 recombinant protein

Purity

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

Sequence

GLTFTKLF SR LFAKKEMRIL MVGLDAAGKT TILYK LKLGE IVTTIPTIGF NVETVEYKNI SFTVWDVGGQ
DKIRPLWRHY FQNTQGLIFV VDSNDRDRVV EARDELHRML NEDEL RDAVL LVFANKQDLP NAMNAAEITD
KLGLNSLRQR HWYIQSTCAT TGEGLYEGLD WLSSNIATKS

Sequence Positions

2-181, Full length protein

Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

20,661 Da

Storage

Store at -20°C. For long-term storage, store at -20°C or -80°C. Store working aliquots at 4°C for up to one week. Repeated freezing and thawing is not recommended.

Protein Family

Auxin response factor

NCBI Accession

NP_001105897.1

NCBI GI

162458318

NCBI GenBank Nucleotide

NM_001112427.1

NCBI GeneID

732812

NCBI Official Full Name

ADP-ribosylation factor

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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NCBI Official Symbol
arf1
mg (E-Coli)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)

NCBI Official Synonym Symbols

GRMZM2G395844

NCBI Protein Information

ADP-ribosylation factor

UniProt Gene Name

ARF1

UniProt Protein Name

ADP-ribosylation factor

UniProt Primary Accession

P49076

UniProt Related Accession

P49076

UniProt Comments

GTP-binding protein involved in protein trafficking; may modulate vesicle budding and uncoating within the Golgi apparatus.

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