

# Actin-depolymerizing factor 3 (ADF3), Recombinant Protein

Cat RP10456

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

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

## Species

Zea mays (Maize Cell)

## Full Product Name

Recombinant Zea mays Actin-depolymerizing factor 3 (ADF3)

## Product Gene Name

ADF3 recombinant protein

## Product Synonym Gene Name

ADF3

## Purity

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

## Sequence

MANARSGVAV NDECMLKFGE LQSKRLHRFI TFKMDDKFKE IVVDQVGDR TSYDDFTNSL PENDCRYAIY DFDFVTAEDV QKSRIYILW SPSSAKVKSK MLYASSNQKF KSGLNIGIQVE LQATDASEIS LDEIKDRAR

## Sequence Positions

1-139, 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

15,900 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

Actin-depolymerizing factor

## NCBI Accession #

NP\_001105474.1

## NCBI GI #

162459533

## NCBI GenBank Nucleotide #

NM\_001112004.1

## NCBI GeneID

542445

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

# Actin-depolymerizing factor 3 (ADF3), Recombinant Protein

Cat RP10456

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

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 Full Name

actin-depolymerizing factor 3

## NCBI Official Symbol

ADF3

## NCBI Official Synonym Symbols

ABP3; ZmABP3; GRMZM2G060702

## NCBI Protein Information

actin-depolymerizing factor 3

## UniProt Gene Name

ADF3

## UniProt Synonym Gene Names

ABP3; ADF-3; ZmADF3

## UniProt Protein Name

Actin-depolymerizing factor 3

## UniProt Synonym Protein Names

ZmABP3

## UniProt Primary Accession #

Q41764

## UniProt Related Accession #

Q41764

## UniProt Comments

Actin-depolymerizing protein. Severs actin filaments (F-actin) and binds to actin monomers.

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY