

# Zinc finger protein ZAT6 (ZAT6), Recombinant Protein

Cat RP01345

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-  
Arabidopsis thaliana (Mouse-ear cress)  
Cell)

## Full Product Name

Recombinant Arabidopsis thaliana Zinc finger protein ZAT6 (ZAT6)

## Product Gene Name

ZAT6 recombinant protein

## Purity

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

## Sequence

MALETLTSPR LSSPMPTLFQ DSALGFHGSK GKRSKRSRSE FDRQSLTEDE YIALCLMLLA RDGDRNRDLD  
LPSSSSSPPL LPPLPTPIYK CSVCDKAFSS YQALGGHKAS HRKSFSLTQS AGGDELSTSS AITTSGISGG  
GGGSVKSHVC SICHKSFATG QALGGHKRCH YEGKNGGGVS SSVNSSEVDG STSHVSSGHR GFDLNIPPIP  
EFSMVNGDEE VMSPMPAKKL RFDPEPKP

## Sequence Positions

1-238, 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

25,252 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

Zinc finger protein

## NCBI Accession #

NP\_196054.1

## NCBI GI #

15237692

## NCBI GenBank Nucleotide #

NM\_120516.4

## NCBI GeneID

830313

## NCBI Official Full Name

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

# Zinc finger protein ZAT6 (ZAT6), Recombinant Protein

Cat RP01345

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

6 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 Symbol

ZAT6

## NCBI Official Synonym Symbols

AtZAT6; C2H2; C2H2 ZINC FINGER TRANSCRIPTION FACTOR; COLD INDUCED ZINC FINGER PROTEIN 2;  
CZF2; T19N18.70; T19N18\_70; zinc finger of Arabidopsis thaliana 6

## NCBI Protein Information

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## NCBI Summary

putative c2h2 zinc finger transcription factor mRNA

## UniProt Gene Name

ZAT6

## UniProt Synonym Gene Names

CZF2

## UniProt Protein Name

Zinc finger protein ZAT6

## UniProt Synonym Protein Names

COLD INDUCED ZINC FINGER PROTEIN 2

## UniProt Primary Accession #

O22533

## UniProt Secondary Accession #

Q8GWG1

## UniProt Related Accession #

O22533

## UniProt Comments

Probable transcription factor that regulates root development and phosphate (Pi) acquisition and homeostasis. Probably acts as a repressor of primary root growth and regulates Pi homeostasis through the control of root architecture.

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