

# Zinc finger CCCH domain-containing protein 54 (PEI1), Recombinant Protein

Cat      *RP02491*

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      Arabidopsis thaliana (Mouse-ear cress)

## Full Product Name

Recombinant Arabidopsis thaliana Zinc finger CCCH domain-containing protein 54 (PEI1)

## Product Gene Name

PEI1 recombinant protein

## Purity

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

## Sequence

MLKSASPMF YDIGEQYST FGYILSKPGN AGAYEIDPSI PNIDDAIYGS DEFRMYAYKI KRCPRTRSHD  
WTECPYAHRG EKATRRDPRR YTYCAVACPA FRNGACHRGD SCEFAHGVFE YWLHPARYRT RACNAGNLCQ  
RKVCFFAHAP EQLRQSEGKH RCRYAYRPVR ARGGGNGDGV TMRMDDEGYD TSRSPVRSGK  
DDLDSNEEKV LLKCWSRMSI VDDHYEPSDL DLDLSHFDWI SELVD

## Sequence Positions

1-245, 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

28,175 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 CCCH domain-containing protein

## NCBI Accession #

NP\_196367.1

## NCBI GI #

15240799

## NCBI GenBank Nucleotide #

NM\_120832.2

## NCBI GeneID

830642

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

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**NCBI Official Full Name**  
Zinc finger C-x8-C-x5-C-x3-H type family protein

## NCBI Official Symbol

PEI1

## NCBI Official Synonym Symbols

AtTZF6; T2I1.210; T2I1\_210; Tandem CCCH Zinc Finger protein 6; TZF6

## NCBI Protein Information

Zinc finger C-x8-C-x5-C-x3-H type family protein

## NCBI Summary

Encodes an embryo-specific zinc finger transcription factor required for heart-stage embryo formation.

## UniProt Gene Name

PEI1

## UniProt Synonym Gene Names

AtC3H54

## UniProt Protein Name

Zinc finger CCCH domain-containing protein 54

## UniProt Primary Accession #

O65036

## UniProt Secondary Accession #

A0MFE4

## UniProt Related Accession #

O65036

## UniProt Comments

Embryo-specific transcription factor required at the globular to heart stage transition in embryo development.

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