

# Cysteine protease inhibitor 3 (Pcpi3), Recombinant Protein

Cat RP15275

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)

## Full Product Name

Recombinant Solanum tuberosum Cysteine protease inhibitor 3

## Product Gene Name

Pcpi3 recombinant protein

## Purity

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

## Sequence

YNIGNLQCPN AVLQHMSIPQ FLGEGKPVVF VRKSESDYGD VVRVMTVVIYI KFFVKTTKLC VDQTVWKVND  
EQLVVTGGKV GNENDIFKIM KTDLVTPGGS KYVYKLLHCP SHLGCKNIGG NFKNGYPRLV TVDDDKDFIP  
FVFIKA

## Sequence Positions

1-146, 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

16,378 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

Cysteine protease inhibitor

## NCBI Accession #

O24388.1

## NCBI GI #

20137687

## NCBI Official Full Name

Cysteine protease inhibitor 3

## UniProt Gene Name

Pcpi3

## UniProt Synonym Gene Names

Pcpi3

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

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Cat *RP15275*

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*

**UniProt Protein Name**  
*mg (E-Coli)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)*  
Cysteine protease inhibitor 3

## UniProt Synonym Protein Names

PCPI-3; Pcpi3

## UniProt Primary Accession #

O24388

## UniProt Comments

Inhibitor of cysteine proteases. May protect the plant by inhibiting proteases of invading organisms.

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