

# Protein NP24, Recombinant Protein

Cat RP14783

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<sup>Cell</sup>

Solanum lycopersicum (Tomato) (Lycopersicon esculentum)

## Full Product Name

Recombinant Solanum lycopersicum Protein NP24

## Product Gene Name

NP24 recombinant protein

## Purity

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

## Sequence

ATIEVRNNCP YTVWAASTPI GGGRRRLNRGQ TWVINAPRGT KMARIWGRTG CNFNAAGRGT CQTGDCGGVL  
QCTGWGKPPN TLAEYALDQF SNLDFWDISL VDFGNIPMTF APTKPSGGKC HAIHCTANIN GECPRALKVP  
GGCNNPCTTF GGQQYCCTQG PCGPTELSKF FKKRCPDAYS YPQDDPTSTF TCPGGSTNYR VVFCPNGVAD  
PNFPLEMPAS TDEVAK

## Sequence Positions

22-247, 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

26,646 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

Protein

## NCBI Accession #

NP\_001292922.1

## NCBI GI #

806776583

## NCBI GenBank Nucleotide #

NM\_001305993.1

## NCBI GeneID

543979

## NCBI Official Full Name

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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protein NP24

## NCBI Official Symbol

NP24

## NCBI Protein Information

protein NP24

## UniProt Protein Name

Protein NP24

## UniProt Synonym Protein Names

Pathogenesis-related protein PR P23; Salt-induced protein

## UniProt Primary Accession #

P12670

## UniProt Related Accession #

P12670

## UniProt Comments

Has antifungal activity against *P.betae* and *F.dahliae*. May be involved in disease resistance in tomatoes and/or have a possible role in fruit development and ripening.

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