

# Patatin group M-2, Recombinant Protein

Cat RP15375

Size 0.02 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (E-Coli)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 0.1

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

## Full Product Name

Recombinant Solanum tuberosum Patatin group M-2

## Purity

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

## Sequence

KLEKMVTVLS IDGGGIGKII PAIILEFLEG QLQEVDNNDK ARLADYFDVI GGTSTGGLLT AMITTPNENN  
RPFAAAKDIV PFYFEHGPHI FNYSGSIIGP MYDGKYLQV LQEKLGTRV HQALTEVAIS SFDIKTNKPV  
IFTKSNLAKS PELDAKMYDI CYSTAAPIY FPPHYFITHT SNGDIYEFNL VDGGVATVGD PALLSLSVAT  
RLAQEDPAFS SIKSLDYKQM LLLSLGTGTN SEFDKTYTAQ EAAKWGPLRW MLAIQQMTNA ASSYMTDYYI  
STVFQARHSQ NNYLRVQENA LTGTTTEMDD ASEANMELLV QVGETLLKKP VSKDSPETYE EALKRFAKLL  
SDRKKLRANK ASY

## Sequence Positions

24-386, 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

42,651 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

Patatin group

## NCBI Accession #

Q2MY52.1

## NCBI GI #

122201884

## NCBI Official Full Name

Patatin group M-2

## UniProt Protein Name

Patatin group M-2

## UniProt Primary Accession #

Q2MY52

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Cat *RP15375*

Size *0.02 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (E-Coli)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 0.1*

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## UniProt Comments

*mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)*  
Probable lipolytic acyl hydrolase (LAH), an activity which is thought to be involved in the response of tubers to pathogens.

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