

# Patatin group A-3, Recombinant Protein

Cat RP15371

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 A-3

## Purity

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

## Sequence

SLEEMVTVLS IDGGGVKGII PGTILEFLEG QLQKMDNNAD ARLADYFDVI GGTSTGGLLT AMITTPNENN  
RPFAAANEIV PFYFEHGPHI FNSSTGQFFG PKYDGKYLmq VLQEKLGETR VHQALTEVAI SSFDIKTNKP  
VIFTKSNLAK SPELDAKMYD ICYSTAAAPT YFPPHYFATN TINGDKYEFN LVDGAVATVA DPALLSVSVA  
TRRAQEDPAF ASIRSLNYKK MLLLSLGTGT TSEFDKHTA EETAKWGALQ WMLVIQQMTE AASSYMTDYY  
LSTVFQDLHS QNNYLRVQEN ALTGTTTKAD DASEANMELL AQVGENLLKK PVSKDNPETY EEALKRFAKL  
LSDRKKLRAN KASY

## Sequence Positions

24-387, 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

42,620 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 #

Q2MY58.1

## NCBI GI #

122201889

## NCBI Official Full Name

Patatin group A-3

## UniProt Protein Name

Patatin group A-3

## UniProt Primary Accession #

Q2MY58

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

# Patatin group A-3, Recombinant Protein

Cat *RP15371*

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*

---

## 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.

---

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**