

Patatin group D-3, Recombinant Protein

Cat *RP15363*

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*

Species *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 D-3

Purity

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

Sequence

SLEEMVTVLS IDGGGIGKII PGTILEFLEG QLQKMDNNAD ARLADYFDVI GGTSTGGLLT SMITTPNENN
RPFAAANEIV PFFFEHGPFI FNSSTGQFFG PKYDGKYLQ VLQENLGETR VHQALTEVAI SSLDIKTNKP
VIFTKSNLAK SPELDAKMYD ICYSTAAAPT YFPPHYFTTN TINGDKYEFN LVDGAVATVA DPALLSISVA
TRLAEKDPAF ASIRSLNYKK MLLLSLGTGT TSEFDKTYTA EETAKWGAIQ WMLVIQRMTD AASSYMTDYY
LSTVFQAQNS QKNYL RVQEN ALTGTTTMD DASEANMESL VQVGENLLKK 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

42,652 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

Q2MY55.1

NCBI GI

122201887

NCBI Official Full Name

Patatin group D-3

UniProt Protein Name

Patatin group D-3

UniProt Primary Accession

Q2MY55

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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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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