

Patatin-08, Recombinant Protein

Cat RP15387

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)

Full Product Name

Recombinant Solanum tuberosum Patatin-08

Purity

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

Sequence

SLEEMVTVLS IDGGGIGKII PGTILEFLEG QLQKMDNNAD ARLADYFDVI GGTSTGGLLT SMITTPNENN
RPFAAANEIV PFFFEHGPPI FNSSTGQFFG PKYDGKYLQ VLQENLGETR VHQUALTEVAI SSFDIKTNKP
VIFTKSNLAK SPELDAKMYD ICYSTAAAPT YFPPHYFTTN TINGDKYEFN LVDGAVATVA DPALLSISVA
TRLAEKDPAF ASIRSLNYKK MLLLSLGTGT TSEFDKTYTA EETAKWGAIQ WMLVIQRMTD AASSYMTDYY
LSTVFQAQNS QKNYLRVQEN 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

42,686 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

NCBI Accession

Q2MY43.1

NCBI GI

122201878

NCBI Official Full Name

Patatin-08

UniProt Protein Name

Patatin-08

UniProt Synonym Protein Names

Patatin group D-1

UniProt Primary Accession

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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(Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 0.1

Q2MY43 mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg
(Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-
Cell)

UniProt Comments

Probable lipolytic acyl hydrolase (LAH), an activity which is thought to be involved in the response of tubers to pathogens.

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