Patatin-16, Recombinant Protein

Cat *RP15379*

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)*

Species
Solanum tuberosum (Potato)

Full Product Name
Recombinant Solanum tuberosum Patatin-16

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

Sequence
SLEEMVTVLS IDGGGIKGII PGTILEFLEG QLQKMDNNAD ARLADYFDVI GGTSTGGLLT AMITTPNENN RPFAAANEIV PFYFEHGPHI FNSSTGQFFR KYDGKYLMQV LQEKLGETRV HQALTEVAIS SFDIKTNKPV IFTKSNLAKS PELDAKMYDI CYSTAAAPTY FPPHYFATNT INGDKYELNL VDGAVATVAD PALLSVSVAT RRAQEDPAFA SIRSLNYKKM LLLSLGTGTT SEFDKTHTAE ETAKWGALQW MLVIQQMTEA ASSYMTDYYL STVFQDLHSQ NNYLRVQENP LTGTTTKADD ASEANMELLA QVGENLLKKP VSKDNPETYE 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
42,628 Da

Storage
Store at -20℃. For long-term storage, store at -20℃ or -80℃. Store working aliquots at 4℃ for up to one week. Repeated freezing and thawing is not recommended.

Protein Family
Patatin

NCBI Accession
Q41487.1

NCBI GI
75102575

NCBI Official Full Name
Patatin-16

UniProt Protein Name
Patatin-16

UniProt Primary Accession
Q41487

UniProt Secondary Accession

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https://www.cd-biosciences.com/plant-protein/

Patatin-16, Recombinant Protein

CD BioSciences
Plant Protein

Cat *RP15379*

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Q41473

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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