Patatin-3-Kuras 1 (pat3-k1), Recombinant Protein

CD BioSciences
Plant Protein

Cat *RP15771*

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-3-Kuras 1 (pat3-k1)

Product Gene Name
pat3-k1 recombinant protein

Product Synonym Gene Name
pat3-k1

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

Sequence
TLGEMVTVLS IDGGGIKGII PATILEFLEG QLQEVDNNTD ARLADYFDVI GGTGTGGLLT AMITTPNENN RPFAAAKDII PFYFDHGPKI FEPSGFHLVE PKYDGKYLMQ VLQEKLGETR VHQALTEVAI SSFDIKTNKP VIFTKSNLAK TPELDAKMYD ICYSTAAAPT YFPPHYFATN TSNGDQYDFN LVDGDVAAVD PSLLSISVAT RLAQEDPAFA SIKSLNYKQM LLLSLGTGTN SEFAKNYTAE EAAKWGILQW MSPLWEMRSA ASSYMNDYYL STVFQALDSQ NNYLRVQENA LTGTATTFDD ASVANMILLV QVGENLLKKS VSEDNHETYE VALKRFAKLL SDRKKLRANK ASF

Sequence Positions
12-374, 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
41,193 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
Probable inactive patatin

NCBI Accession
Q3YJS9.1

NCBI GI
122217718

NCBI Official Full Name
Probable inactive patatin-3-Kuras 1

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UniProt Gene Name

pat3-k1

UniProt Protein Name

Probable inactive patatin-3-Kuras 1

UniProt Primary Accession

Q3YJS9

UniProt Comments

MiscellaneousPatatin have a dual role as a somatic storage protein and as an enzyme involved in host resistance.

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