

Patatin-03, Recombinant Protein

Cat RP15361

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-03

Purity

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

Sequence

TLGEMVTVLS IDGGGIGKII PGIILEFLEG QLQKMDNNAD ARLADYFDVI GGTSTGGLLT AMITTPNENN
RPFAAAKDIV PFYFQHGPHI FNSSTGQFFG PKYDGKYLMO VLQEKLGETR VHQALTEVAI SSFDIKTNKP
VIFTKSNLAR SPELDAKMSD ICYSTAAAPT YFPPHYFATN TSNGDKYEFN LVDGAVATVA DPALLSVSVA
TRRAEEDPAF ASIRSLNYKQ LLLLSLGTGT NSEFDKHTA QETAKWGALQ WMLVIQQMTE AASSYMTDYY
LSTVFQDLHS QNNYLRVQEN ALTGTTTKAD DASEANMELL VQVGENLLKK PVSKDNPETY EEALKRFAKL
LSDRKKFRAN 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

42,556 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

Q2MY48.1

NCBI GI

122201881

NCBI Official Full Name

Patatin-03

UniProt Protein Name

Patatin-03

UniProt Primary Accession

Q2MY48

UniProt Comments

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Probable lipolytic acyl hydrolase (LAP), an activity which is thought to be involved in the response of tubers to pathogens. *(Mammalian-Cell)/ 1 mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)*

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