

Patatin-07, Recombinant Protein

Cat RP15380

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-07

Purity

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

Sequence

KLEEMVTVLS IDGGGIGKII PAILEFLEG QLQEVNNDK ARLADYFDVI GGTSTGGLLT AMITTPNENN
RPFAAAKDIV PFYFEHGPHI FNYSGSIFGP RYDGKYLQV LQEKLGTRV HQALTEVAIS SFDIKTNKPV
IFTKSNLAKS PELDAKMSDI CYSTAAPTY FPPHYFATNT SNGDKYEFNL VDGAVATVAD PALLSVSVAT
RRAEEDPAFA SIRSLNYKQL LLLSLGTGTN SEFDKHTAQ ETAKWGALQW MLVIQMQTEA ASSYMTDYLL
STVFQDLHSQ NNYLRVQENA LTGTTTKADD ASEANMELLV QVGENLLKKP VSKDNPETYE EALKRFAKLL
SDRKKFRANK 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

42,648 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

Q2MY44.1

NCBI GI

122201879

NCBI Official Full Name

Patatin-07

UniProt Protein Name

Patatin-07

UniProt Primary Accession

Q2MY44

UniProt Comments

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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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
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)/ 0.5 mg (Mammalian-
Cell)

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