

Patatin-04/09, Recombinant Protein



Cat RP15381

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^{Cell}

Solanum tuberosum (Potato)

Full Product Name

Recombinant Solanum tuberosum Patatin-04/09

Purity

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

Sequence

KLEEMVTVLS IDGGGIGKII PAIILEFLEG QLQEVDNNKD ARLADYFDVI GGTSTGGLLT AMITTPNENN
RPFAAAKDIV PFYFEHGPHI FNYSGSIFGP RYDGKYLQV LQEKLGTRV HQALTEVAIS SFDIKTNKPV
IFTKSNLAKS PELDAKMYDI CYSTAAPIY FPPHHFVTHT SNGATYEFNL VGGVATVGD PALLSLSVAT
RLAQEDPAFS SIKSLDYKQM LLLSLGTGTN SEFDKTYTAE EAAKWGPLRW MLAIQMTNA ASSYMTDYYI
STVFQARHSQ NNYLRVQENA LNGTTTEMDD ASEANMELLV QVGETLLKKP VSKDSPETYE 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°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

Q2MY42.1

NCBI GI

122201877

NCBI Official Full Name

Patatin-04/09

UniProt Protein Name

Patatin-04/09

UniProt Primary Accession

Q2MY42

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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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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