

Patatin-02 (StPat14K07.03), Recombinant Protein

Cat *RP15865*

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
Species (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-
Solanum tuberosum (Potato)
Cell)

Full Product Name

Recombinant Solanum tuberosum Patatin-02 (StPat14K07.03)

Product Gene Name

StPat14K07.03 recombinant protein

Product Synonym Gene Name

StPat14K07.03

Purity

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

Sequence

SLEEMVTVLS IDGGGIGKII PGTILEFLEG QLQKMDNNAD ARLADYFDVI GGTSTGGLLT AMITTPNENN
RPFAAANEIV PFYFEHGPHI FNSSTGQFFG PKYDGKYLQ VLQEKLGETR VHQALTEVAI SSFDIKTNKP
VIFTKSNLAK SPELDAKMYD ICYSTAAAPT YFPPHYFATN TINGDKYEFN LVDGAVATVA DPALLSVSVA
TRRAQEDPAF ASIRSLNYKK MLLLSLGTGT TSEFDKTHTA EETAKWGALQ WMLVIQQMTE AASSYMTDYY
LSTVFQDLHS QNNYLRVQEN ALTGTTTKAD DASEANMELL AQVGENLLKK PVSKDNPETY EEALKRFAKL
LSDRKKLRAN 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

42,634 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

Q2MY60.1

NCBI GI

122201891

NCBI Official Full Name

Patatin-02

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Patatin-02 (StPat14K07.03), Recombinant Protein

Cat *RP15865*

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-
StPat14K07.03
Cell)

UniProt Gene Name

UniProt Protein Name

Patatin-02

UniProt Synonym Protein Names

Patatin group A-1

UniProt Primary Accession

Q2MY60

UniProt Comments

Probable lipolytic acyl hydrolase (LAH), an activity which is thought to be involved in the response of tubers to pathogens.

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY