

Probable serine protease inhibitor 6, Recombinant Protein

Cat *RP15399*

Size 0.02 mg (E-Coli)/ 0.1 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 1

mg (E-Coli)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)

Full Product Name

Recombinant Solanum tuberosum Probable serine protease inhibitor 6

Purity

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

Sequence

LPSDATPVLD VTGKELDPRL SYHIISTFWG ALGGDVYLGK SPNSDAPCAN GIFRYNSDVG PSGTPVRFIG
SSSHFGQGIF ENELNIQFA ISTSKLCVSY TIWKVGDYDA SLGTMLLETG GTIGQADSSW FKIVQSSQFG
YNLLYCPVTS TMSCPFSSDD QFCLKVGVVH QNGKRRLALV KDNPLDVSFK QVQ

Sequence Positions

29-221, 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

24,097 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

Probable serine protease inhibitor

NCBI Accession

Q41433.1

NCBI GI

20140028

NCBI Official Full Name

Probable serine protease inhibitor 6

UniProt Protein Name

Probable serine protease inhibitor 6

UniProt Synonym Protein Names

AM66

UniProt Primary Accession

Q41433

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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mg (E-Coli)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg

UniProt Comments

(Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)
Inhibitor of trypsin (serine protease). May protect the plant by inhibiting proteases of invading organisms .

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