

Endochitinase, Recombinant Protein

Cat RP15368

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)
Solanum tuberosum (Potato)

Full Product Name

Recombinant Solanum tuberosum Endochitinase

Purity

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

Sequence

QNCGSQGGGK ACASGQCCSK FGWCGNTNDY CGSGNCQSQ PGGGPGPGPG GDLGSAISNS
MFDQMLKHRN ENSCQGNFY SYNAFINAAR SFPFGTSGD INARKREIAA FFAQTSHETT GGWASAPDGP
YAWGYCFLRE RGNPGDYCPP SSQWPCAPGR KYFGRGPIQI SHNYNYGPCG RAIGVDLLNN PDLVATDPVI
SFKTALWFWM TPQSPKPSCH DVIIGRWNP SADRAANRLP GFGVITNIIN GGLECGRGTD NRVQDRIGFY
RRYCSILGVT PGDNLDCVNQ RWFGN

Sequence Positions

27-321, 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

35,407 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

Endochitinase

NCBI Accession

P05315.1

NCBI GI

116349

NCBI Official Full Name

Endochitinase

UniProt Protein Name

Endochitinase

UniProt Primary Accession

P05315

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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UniProt Comments
mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)
Defense against chitin-containing fungal pathogens.

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