

Endochitinase 4 (CHTB4), Recombinant Protein

Cat RP15825

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 Solanum tuberosum (Potato)

Full Product Name

Recombinant Solanum tuberosum Endochitinase 4 (CHTB4)

Product Gene Name

CHTB4 recombinant protein

Purity

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

Sequence

EQCGKQAGGA RCAAGLCCSN FGWCGNTNDY CGPGKCQSQC PSGPSPKPPT PGPGPSGGDI
GSVISNSMFD QMLKHRNDNA CQGKNNFYSS NAFINAARSF GGFGTTGDTT ARKREIAAFF AQTSHETTGG
WPTAPDGPYA WGYCFLREQG SPGDYCTPSG QWPCAPGRKY FGRGPIQISH NYNYGPCGRA IGVDLLNNPD
LVATDPVISF KSAIWFWMTP QSPKPSCHDV IIGRWQPSAA DRAANRLPGF GVITNIINGG LECGRGSDSR
VQDRIGFYRR YCGI

Sequence Positions

19-302, 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

32,317 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

P52406.1

NCBI GI

1705810

NCBI Official Full Name

Endochitinase 4

UniProt Gene Name

CHTB4

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Endochitinase 4 (CHTB4), Recombinant Protein

Cat *RP15825*

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

UniProt Protein Name
Endochitinase 4
(Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)

UniProt Primary Accession #

P52406

UniProt Comments

Defense against chitin-containing fungal pathogens.

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY