

Endochitinase 2 (CHTB2), Recombinant Protein

Cat RP15860

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 2 (CHTB2)

Product Gene Name

CHTB2 recombinant protein

Purity

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

Sequence

EQCGSQAGGA LCASGLCCSK FGWCGNTNDY CGPGNCQSQC PGGSPGDLGG VISNSMFDQM
LNHRNDNACQ GKGNFYSYNA FISAAGSFPG FGTTGDITAR KREIAAFFAQ TSHETTGGWA SAPDGPYAWG
YCFLREQGSP GDYCTPSNQW PCAPGRKYFG RGPIQISHNY NYGPCGRAIG VDLLNNPDLV ATDSIISFKS
AIWFWMT PQS PKPSCHDVIT GRWQPSGTDQ AANRVPGFGV ITNIINGGLE CGHGSDSRVQ DRIGFYRRYC
GILGVSPGDN LDCGNQRSFG N

Sequence Positions

19-309, 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

33,629 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.

NCBI Accession

P52404.1

NCBI GI

1705808

NCBI Official Full Name

Endochitinase 2

UniProt Gene Name

CHTB2

UniProt Protein Name

Endochitinase 2

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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(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-
P52404 Cell)

UniProt Primary Accession

UniProt Comments

Defense against chitin-containing fungal pathogens.

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