

Chitinase 10 (Cht10), Recombinant Protein

Cat RP12655

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)
Oryza sativa subsp. japonica (Rice)

Full Product Name

Recombinant Oryza sativa subsp. japonica Chitinase 10 (Cht10)

Product Gene Name

Cht10 recombinant protein

Product Synonym Gene Name

Cht10

Purity

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

Sequence

AEARWYGGGG GGGYSPSPSP VSSIVSEQLY ASLFLHKDDA ACPARGFYTY ASFVRAATRF PRFAATGCAD
ARKREVA AFL AQISHETTGG WATAPDGPYA WGLCYKEEIN PQSSYCDATD KQWPCYPGKS YHGRGPIQIS
WNFNYPAGQ ALGFDGLRNP EIVANCS DIA FQTALWFWMT PRDTKPSCHQ VMVGEYRPGP ADVAANRTAG
FGLVTNIVNG GLECNRAGDA RVNNRIGFYR RYCQVLGVDV GPNLDCEHQQ PF

Sequence Positions

29-290, 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

31,264 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

Chitinase

NCBI Accession

Q5NB11.1

NCBI GI

75107490

NCBI Official Full Name

Chitinase 10

UniProt Gene Name

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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

UniProt Synonym Gene Names

GCH7

UniProt Protein Name

Chitinase 10

UniProt Synonym Protein Names

Pathogenesis related (PR)-3 chitinase 10

UniProt Primary Accession

Q5NB11

UniProt Secondary Accession

A0A0P0V1N2

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