



Recombinant *Oryza sativa* subsp. *japonica* Chitinase 3 (Cht3)

Product Code	CSB-EP326157OFG-B
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P24626
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. <i>japonica</i> (Rice)
Purity	≥85% (SDS-PAGE)
Sequence	EQ CGSQAGGALC PNCLCCSQYG WCGSTSDYCG AGCQSQCSCGG CGGGTPPPSS GGGSGVASII SPSLFDQMLL HRNDQACAAK GFYTYDAFVA AANAYPDFAT TGDADTCKRE VAAFLAQTSH ETTGGWPTAP DGPYSWGYCF KEENNGNAPT YCEPKPEWPC AAGKKYYGRG PIQITYNYNY GPAGQAIGSD LLNNPDLVAS DATVSFKTAF WFWMTPQSPK PSCHAVITGQ WTPSADDQAA GRVPGYGEIT NIINGGVECG HGADDKVADR IGFYKRYCDM LGVSYGDNLD CYNQRPYPPS
Source	E.coli
Target Names	Cht3
Protein Names	Recommended name: Chitinase 3 EC= 3.2.1.14 Alternative name(s): Basic endochitinase 1 Class I chitinase c Short name= OsChia1c Pathogenesis related (PR)-3 chitinase 3
Expression Region	19-320
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.