



Recombinant *Oryza sativa* subsp. *japonica* Chitinase 4 (Cht4)

Product Code	CSB-BP516882OFG
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.	O04138
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. <i>japonica</i> (Rice)
Purity	≥85% (SDS-PAGE)
Sequence	QNC GCQDGYCCSQ WGYCGTTEAY CGQGCQSGPC WSGSGEAAAG MAGRKAGAGA GVSVESVTE AFFNGIKNQA PNGCAGKSFY TRQSFLNAAR SYSGFANDRT NDDSKREIAA FFAHVTHETG HMCYINEING ANMDYCDKSN KQWPCQPGKK YYGRGPLQIS WNFNYGPAGK NIGFDGLRDP DKVAQDPTIS FKTALWFWMN NVHQVMSQGF GATIRAINGA LECNGKNPGA VNARVNYKDK YCRQFGVSPG GNLYC
Source	Baculovirus
Target Names	Cht4
Protein Names	Recommended name: Chitinase 4 EC= 3.2.1.14 Alternative name(s): OsChia2b Pathogenesis related (PR)-3 chitinase 4
Expression Region	28-285
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.