



Recombinant *Oryza sativa* subsp. *japonica* Chitinase 12 (Cht12)

Product Code	CSB-EP326242OFG-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.	P25765
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. <i>japonica</i> (Rice)
Purity	>85% (SDS-PAGE)
Sequence	EQCGSQAGG AVCPNCLCCS QFGWCGSTSD YCGAGCQSQC SAAGCGGGGP TPPSGSGGSG VASIVSRSLF DQMLLHRNDA ACPASNFYTY DAFVAAASAF PGFAAAGGDA DTNKREVA AF LAQTSHETT G GWATAPDGPY AWGYCFKEEN GGAAGPDY CQ QSAQWPCAAG KKY YGRGPIQ LSYFNFGPA GQAIGADLLG DPDLVASDAT VSFDTAFWFW MTPQSPKPSC HAVATGQWTP SADDQAAGRV PGYGVITNII NGGLECGHGE DDRVADRIGF YKRYCDILGV SYDANLDCYS QRPFGS
Source	E.coli
Target Names	Cht12
Protein Names	Recommended name: Chitinase 12 EC= 3.2.1.14 Alternative name(s): Basic endochitinase 2 Pathogenesis related (PR)-3 chitinase 12
Expression Region	22-326
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.