



Recombinant *Oryza sativa* subsp. *japonica* Chitinase 2 (Cht2)

Product Code	CSB-EP745271OFG-B
Abbreviation	Cht2
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.	Q7DNA1
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. <i>japonica</i> (Rice)
Purity	≥85% (SDS-PAGE)
Sequence	EQCGAQAG GARCPNCLCC SRWGWCGTTS DFCGDGCQSQ CSGCGPTPTP TPPSPSDGVG SIVPRDLFER LLLHRNDGAC PARGFYTYEA FLAAAAAFPA FGGTGNTETR KREVA AFLGQ TSHETTGGWP TAPDGPFSWG YCFKQEQNPP SDYCQPSPEW PCAPGRKYYG RGPIQLSFNF NYGPAGRAIG VDLLSNPDLV ATDATVSFKT ALWFWMTPQG NKPSSHVDIT GRWAPSPADA AAGRAPGYGV ITNIVNGGLE CGHGPDDRVA NRIGFYQRYC GAFGIGTGGN LDCYNQRPFN SGSSVGLAEQ
Source	E.coli
Target Names	Cht2
Protein Names	Recommended name: Chitinase 2 EC= 3.2.1.14 Alternative name(s): Class I chitinase b Short name= OsChia1b Pathogenesis related (PR)-3 chitinase 2
Expression Region	33-340
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.