



Recombinant *Oryza sativa* subsp. japonica Chitinase 1 (Cht1)

Product Code	CSB-YP671481OFG
Abbreviation	Cht1
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.	Q42993
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. japonica (Rice)
Purity	≥85% (SDS-PAGE)
Sequence	EQCGSQAGGA LCPNCLCCSQ YGWCSTAYS CGSGCQSQCS GSCGGGGPTP PSGGGGSGVA SIVSRSLFDQ MLLHRNDAAC PAKNFYTYDA FVAAANAFPS FATTGDAATR KREVAAFLAQ TSHETTGGWA TAPDGPYSWG YCFKEENNGN VGS DYCVQSS QWPCAAGKKY YGRGPIQISY NINYGPAGQA IGSNLLSNPD LVASDATVSF KTAFFWFMTTP QSPKPSCHAV MTGQWTPNGN DQAAGRVPGY GVVNTNIINGG VECGHGADSR VADRIGFYKR YCDMLGVSYG ANLDCYNQRP FNS
Source	Yeast
Target Names	Cht1
Protein Names	Recommended name: Chitinase 1 EC= 3.2.1.14 Alternative name(s): Class I chitinase a Short name= OsChia1a Pathogenesis related (PR)-3 chitinase 1
Expression Region	21-323
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.