



Recombinant *Oryza sativa* subsp. *japonica* Chitinase 8 (Cht8)

Product Code	CSB-EP773508OFG-B
Abbreviation	Cht8
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.	Q7XCK6
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. <i>japonica</i> (Rice)
Purity	≥85% (SDS-PAGE)
Sequence	Q GVGSVITQAV FNSMLPNRDN SQCPARGFYT YDAFIAAANS FPAFGTSGGS AELIRRELAA FFGQTSHETT GGTRGSSDQF QWGYCFKEEI NKATSPPYYG RGPIQLTGQS NYQAAGNALG LDLVGNPDLV STDAVVSFKT AIWFWMTAQQ NKPSCHDVIL GRWTPSAADT AAGRVPGYGV ITNIINGGIE CGVGQNDANV DRIGYYKRYC DMLGAGYGSN LDCYNQRNFA S
Source	E.coli
Target Names	Cht8
Protein Names	Recommended name: Chitinase 8 EC= 3.2.1.14 Alternative name(s): Class II chitinase a Short name= OsChia2a Pathogenesis related (PR)-3 chitinase 8
Expression Region	30-261
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.