



Recombinant *Oryza sativa* subsp. japonica Endoglucanase 23 (GLU12)

Product Code	CSB-MP718180OFG
Abbreviation	GLU12
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.	Q69NF5
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. japonica (Rice)
Purity	>85% (SDS-PAGE)
Sequence	A PSAAAAAAGH DYGDALAKSI LFFEGQRSGR LPAAGQRAAW RGDSAVSDGG AAGVDLEGGY YDAGDNVKFG FPMAFTATML AWGVVEFGDA MPPAERAHAA DAVRWATDYL LKTISHPGVI FIQVGDPTKD HGCWERPEDM DTARTVYNIS AARPGSDVAG ETAAALAAAS MVFRDDDPAY AARLLAGARS AFEFADEHKG AYSDDPELRA GGCPFYCDFD GYQDELLWGA AWLRRASKEG TYLDYIQNNG KTLGAEDSTN EFGWDNKHAG INVLVSKEFI DGEVLSLQSY KEFADGFICT LIPESSPHI TYTPGGMIYK PGGSNMQHVT SISFLLLYA KYLSNSSRTV NCGNVSVGPA TLQQLARKQA DYILGDNPMK MSYMGYGDY YPQRIHHRGS SLPSIKSHPQ RIACNDGTPY YNSSSPNPNP LIGAVVGGPG EDDVYEDDRA DFRKSEPTY INAPLVGVLA YLVGNPDPGG GHVRH
Source	Mammalian cell
Target Names	GLU12
Protein Names	Recommended name: Endoglucanase 23 EC= 3.2.1.4 Alternative name(s): Endo-1,4-beta glucanase 23 OsGLU12
Expression Region	30-515
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.