



Recombinant *Oryza sativa* subsp. *japonica* Beta-glucosidase 18 (BGLU18)

Product Code	CSB-EP800036OFG
Abbreviation	BGLU18
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.	Q7XSK0
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. <i>japonica</i> (Rice)
Purity	>85% (SDS-PAGE)
Sequence	IHRS DFPASFLFGT ATSSYQIEGA YLEGNKSLSN WDVFTHLPGN IKDGSNGDIA DDHYHRYEED VELMNSLGVN AYRFSISWSR ILPKGRFGGV NPAGIDFYNK LIDSILLKGI QPFVTLTHYD IPQELEDRYG AWLNAEIQSD FGHFADVCFG AFGDRVKYWT TFNEPNVAVR HGYMLGTYPP SRCSPFGHC ARGGDSHAEP YVAAHNVILS HATAIEIYKR KYQSKQRGMI GMVLYSTWYE PLRDVPEDRL ATERALAFET PWFLDPLVYG DYPPEMRQIL GGRLPSFSPE DRRKLRKLD FIGVNHYYTTL YARDCMFSDC PQQQETQHAL AAVTGESNGL PIGTPTAMPT FYVVPDGIEK MVKYFMRRYN NLPMFITENG YAQQGDSYTD AEDWIDDED R IEYLEGYLTK LAKVIRDGAD VRGYFAWSVV DNFEWLFGYT LRFGLYYIDY RTQERSPKLS ALWYKEFLQN LHENQ
Source	E.coli
Target Names	BGLU18
Protein Names	Recommended name: Beta-glucosidase 18 Short name= Os4bglu18 EC= 3.2.1.21
Expression Region	27-505
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.