



Recombinant *Oryza sativa* subsp. *japonica* Beta-glucosidase 12 (BGLU12)

Product Code	CSB-EP773518OFG
Abbreviation	BGLU12
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.	Q7XKV4
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. <i>japonica</i> (Rice)
Purity	>85% (SDS-PAGE)
Sequence	AYNGAG EPPVSRRSFP KGFIFGTASS SYQYEGGAAE GGRGPSIWDT FTHQHPEKIA DRSDNGDVASD SYHLYKEDVR LMKDMGMDAY RFSISWTRIL PNGSLRGGVN KEGIKYYNNL INELLSKGVQ PFITLFHWDS PQALEDKYNG FLSPNIINDF KDYAEICFKE FGDRVKNWIT FNEPWTFCSN GYATGLFAPG RCSPWEKGNC SVGDSGREPY TACHHQLLAH AETVRLYKAK YQALQKKGIG ITLVSHWFVP FSRKSNDDA AKRAIDFMFG WFMDPLIRGD YPLSMRGLVG NRLPQFTKEQ SKLVKGAFDF IGLNYYTANY ADNLPPSNGL NNSYTTDSRA NLTGVRNGIP IGPQAASPWL YVYPQGFRDL LLYVKENYGN PTVYITENGV DEFNNTLPL QEALKDDARI EYYHKHLLSL LSAIRDGANV KGYFAWSLLD NFEWSNGYTV RFGINFVDYN DGRKRYPKNS AHWFKKFLK
Source	E.coli
Target Names	BGLU12
Protein Names	Recommended name: Beta-glucosidase 12 Short name= Os4bglu12 EC= 3.2.1.21
Expression Region	25-510
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.