



Recombinant *Oryza sativa* subsp. *japonica* Beta-glucosidase 1 (BGLU1)

Product Code	CSB-YP732529OFG
Abbreviation	BGLU1
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.	Q5QMT0
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. <i>japonica</i> (Rice)
Purity	>85% (SDS-PAGE)
Sequence	AEQAAGEDG IRGGAGADHQ EAAGITGGLS RRSFPAGFVF GTAASAYQVE GMALKDGRGP SIWDAFVKTP GEIANNATAD VTVDEYHRYK EDVNIMKSMG FDAYRFSISW SRIFPTGTGK VNWKGVAYYN RLINYMLKIG ITPYANLYHY DLPEALEVQY GLLNRKIVE AFADYAEFCF KTFGDRVKNW MTFNEPRVVA ALGYDDGNFA PGRCTKCTAG NSATEPYIVA HHLILSHASA VQRYRHKYQH IQKGKIGILL DFVWYEGLTN STADQAAAQR SRDFHVGWFL HPIIYGEYPK SLQVIVKERL PKFTADEVHM VKGSIDYVGI NQYTAYYVRD QQPNATTLPS YSSDWHAAPI YERDGVPIGP RANSDWLYIV PWGLYKAVTY VKEKYGNPTM FLSENGMDDP GNVTIAQGVH DTTRVAYYRS YITKLKEAID DGANCIGYFA WSLLDNFEWK LGYTSRFGVLV YVDFRTLRRY PKMSAYWFRD LVSSKN
Source	Yeast
Target Names	BGLU1
Protein Names	Recommended name: Beta-glucosidase 1 Short name= Os1bglu1 EC= 3.2.1.21
Expression Region	22-516
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.