



Recombinant *Oryza sativa* subsp. *japonica* Beta-glucosidase 21 (BGLU21)

Product Code	CSB-EP733747OFG
Abbreviation	BGLU21
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.	Q60DY1
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. <i>japonica</i> (Rice)
Purity	>85% (SDS-PAGE)
Sequence	LQFTR DDFPHDFAFG AGTSAYQYEG GAAEDGRTPS IWDTYTHSGR HPEDETGDVA SDGYHKYKED VKLMSEIGLE AYRFTISWSR LIPSGRGAVN LKALQFYNSM INELVKAGIQ IHVVMYHMDL PQSLQDEYGG WISPKIVDDF TAYADVCFRE FGDRVVHWT T VLEPNAMAQA GYDMGILPPN RCSYPFGSNC TAGNSSVEPY LFIHHSLLAH ASAVRLYREK YKVAQKGIIG INIYSMWFYP FTDSAEIEGA TERAKKFIYG WILHPLVFGD YPDTMKKAAG SRLPIFSNHE SEMTNSFDF IGLNHYSVY TSNNNNVVKA PLQDLTADVA TLFRTKNDT PTPVFVPGTI VDPRGLEHAL KYIREKYGNL PIYIQENGSG SSSETLDDVE RINYLAKYIA ATLKAIRSGA NVKGYSMWSF VDLYELFGGY STWHFGLVAV DFDSEKRRRQ PRRSASWYSE FLKNSVIRV EEDGFVSAAS HAQL
Source	E.coli
Target Names	BGLU21
Protein Names	Recommended name: Beta-glucosidase 21 Short name= Os5bglu21 EC= 3.2.1.21
Expression Region	26-514
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.