



Recombinant *Oryza sativa* subsp. japonica Beta-glucosidase 19 (BGLU19)

Product Code	CSB-EP612307OFG-B
Abbreviation	BGLU19
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.	Q0DIT2
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. japonica (Rice)
Purity	>85% (SDS-PAGE)
Sequence	LQFTRDDFP DGFTFGAGTA AFQYEGAAAE DGRTPSIWDT YAHSWRNPPG ETGDVACDGY HKYKEDVMLM NETGLEAYRF TISWSRLIPS GRGAVNPKGL QFYNSMINEL VKAGIQIHAV LYHIDL PQSL QDEYGGWVSP KVVDDFAAYA DVCFREFGDR VAHWTT SIEP NVMAQSGYDD GYLPPNRCSY PFGRSNCTLG NSTVEPYLFI HHTLLAHASA VRLYREKHQA AQKGVGMNI YSMWFYPLTE STEDIAATER VKDFMYGWIL HPLVFGDYPE TMKKAAGSRL PLFSDYESEL VTNAFDFIGL NHYTSNYVSD NSNAVKAPLQ DVTDDISLW WASKNSTPTR EFLPGTSLDP RGLELAL EYL QEKYGNLLFY IQENSGSNA TLDDVGRIDC LTQYIAATLR SIRNGANVKG YCVWSFMDQY EMFGDYKAHF GIVAVDFGSE ELTRQPRRSA RWYSDFLKN AVIKVDDGSV STAFHAQL
Source	E.coli
Target Names	BGLU19
Protein Names	Recommended name: Beta-glucosidase 19 Short name= Os5bglu19 EC= 3.2.1.21
Expression Region	42-528
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.