



Recombinant *Oryza sativa* subsp. *japonica* Beta-glucosidase 38 (BGLU38)

Product Code	CSB-EP648509OFG-B
Abbreviation	BGLU38
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.	Q2QSR8
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. <i>japonica</i> (Rice)
Purity	≥85% (SDS-PAGE)
Sequence	<pre>EQTDLTRET FPAGFVFGTA SSAYQVEGNA LQYGRGPCIW DTFLMQPGVT PDNSTANVTV DEYHRYMDDV DNMVRVGFDA YRFSISWSRI FPSGLGKINK DGVDYYHRLI DYMLANNIIP YVPLYHYDLP QVLHDQYKGW LHPRIVRDFV RFADFCFKTY GHKVKNWFTI NEPRMMANHG YGDGFFPPGR CTGCQPGGNS ATEPYIAAHN LLLSHAAVR TYRDKYQAIQ KGKIGILLDF VWYEPLTDKE EDHAAAHRAR EFTLGWYLHP ITYGHYPETM QNAVKERLPN FTREQSEMIK GSADYIAINH YTTYVSHHV NKTSISYLND WDVKISYERN GVPIGQAYS NWLYVVPWGI YKAVMHVKEK YKDPIIIIGE NGIDQPGNET LPGALYDFFR IQYFDQYLHE LKRAIKDGAR VTGYFAWSLL DNFEWRLGFT SKFGIVYVDR STFTRYPKDS TRWFRKMIKS EV</pre>
Source	E.coli
Target Names	BGLU38
Protein Names	Recommended name: Beta-glucosidase 38 Short name= Os12bglu38 EC= 3.2.1.21
Expression Region	22-492
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.