



Recombinant *Oryza sativa* subsp. *japonica* Beta-glucosidase 5 (BGLU5)

Product Code	CSB-EP686375OFG
Abbreviation	BGLU5
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.	Q5JK35
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. <i>japonica</i> (Rice)
Purity	>85% (SDS-PAGE)
Sequence	YTRG DFPEDFVFGS ATSSYQYEGG FDEDGRSPSN WDIFTHQGKM PGRSTADVAA DGYHKKYKDDL KLMVDTNLEA YRLSISWSRI IPNGRGDVNP KGLQYYNDII DGLVKNGIQV HIMLYQLDLP QVLEDEYDGW LSPRILEDK AYADVCFKEF GDRVAHWITI DEPNVASIGS YDSGQLAPGR CSDPFGIRKC TVGNSSVEPY IAVHNMLLAH ASVTKLYREK YQVAGKGIIG ISVYTFWAYP LTNSTVDLEA TKRCQDFIVH WVLRLPLVFGD YPQVMKNIVG SRLPSFTKAQ SEDEVKGSLEDF IGMNHYYSLY VNDRPLGKGT RDFVADISYI YRGSKTDP GKAAPTSIGP DPQGLRLMVQ YLQETYGNLP IYLENGYGS SNTDTHDND VDYLKSYIGS ILTALRNGAN VKGYFVWSFV DVFEYLTGYG QSYGLYRVDF ADESRPRQAR LSARWYSGFL KNREMDVDQS ELAMAAAESR AQQ
Source	E.coli
Target Names	BGLU5
Protein Names	Recommended name: Beta-glucosidase 5 Short name= Os1bglu5 EC= 3.2.1.21
Expression Region	27-513
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.