



# Recombinant *Oryza sativa* subsp. *japonica* Beta-glucosidase 18 (BGLU18)

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| <b>Product Code</b>      | CSB-BP800036OFG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Abbreviation</b>      | BGLU18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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.                                                                                                                                                                                                                                                                                         |
| <b>Uniprot No.</b>       | Q7XSK0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Product Type</b>      | Recombinant Protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Immunogen Species</b> | <i>Oryza sativa</i> subsp. <i>japonica</i> (Rice)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Purity</b>            | >85% (SDS-PAGE)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Sequence</b>          | IHRS DFPASFLFGT ATSSYQIEGA YLEGNKSLSN WDVFTHLPGN<br>IKDGSNGDIA DDHYHRYEED VELMNSLGVN AYRFSISWSR ILPKGRFGGV<br>NPAGIDFYNK LIDSILLKGI QPFVTLTHYD IPQELEDRYG AWLNAEIQSD<br>FGHFADVCFG AFGDRVKYWT TFNEPNVAVR HGYMLGTYPP<br>SRCSPFGHC ARGGDSHAEP YVAAHNVILS HATAIEIYKR KYQSKQRGMI<br>GMVLYSTWYE PLRDVPEDRL ATERALAFET PWFLDPLVYG DYPPEMRQIL<br>GGRLPSFSPE DRRKLRKLD FIGVNHYYTTL YARDCMFSDC PQQQETQHAL<br>AAVTGESNGL PIGTPTAMPT FYVVPDGIEK MVKYFMRRYN NLPMFITENG<br>YAQQGDSYTD AEDWIDDED R IEYLEGYLTK LAKVIRDGAD VRGYFAWSVV<br>DNFEWLFGYT LRFGLYYIDY RTQERSPKLS ALWYKEFLQN LHENQ |
| <b>Source</b>            | Baculovirus                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Target Names</b>      | BGLU18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Protein Names</b>     | Recommended name: Beta-glucosidase 18 Short name= Os4bglu18 EC= 3.2.1.21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Expression Region</b> | 27-505                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Protein Length</b>    | Full Length of Mature Protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Reconstitution</b>    | 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.                                                                                                                                                                |
| <b>Shelf Life</b>        | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life                                                                                                                                                                                                                                                                                                                                          |



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