



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

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| <b>Product Code</b>      | CSB-BP648509OFG  |
| <b>Abbreviation</b>      | BGLU38   |
| <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>       | Q2QSR8   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | <i>Oryza sativa</i> subsp. japonica (Rice)   |
| <b>Purity</b>            | ≥85% (SDS-PAGE)  |
| <b>Sequence</b>          | EQDTLTRET FPAGFVFGTA SSAYQVEGNA LQYGRGPCIW DTFLMQPGVT<br>PDNSTANVTV DEYHRYMDDV DNMVRVGFDA YRFSISWSRI FPSGLGKINK<br>DGVDYYHRLI DYMLANNIIP YVVLHYDLP QVLHDQYKGW LHPRIVRDFV<br>RFADFCFKTY GHKVKNWFTI NEPRMMANHG YGDGFFPPGR<br>CTGCQPGGNS ATEPYIAAHN LLLSHAAVR TYRDKYQAIQ KGKIGILLDF<br>VWYEPLDKE EDHAAAHRAR EFTLGWYLHP ITYGHYPETM QNAVKERLPN<br>FTREQSEMIK GSADYIAINH YTTYVSHHV NKTSISYLND WDVKISYERN<br>GVPIGQAYS NWLYVVPWGI YKAVMHVKEK YKDPIIIIGE NGIDQPGNET<br>LPGALYDFFR IQYFDQYLHE LKRAIKDGAR VTGYFAWSLL DNFEWRLGFT<br>SKFGIVYVDR STFTRYPKDS TRWFRKMIKS EV |
| <b>Source</b>            | Baculovirus  |
| <b>Target Names</b>      | BGLU38   |
| <b>Protein Names</b>     | Recommended name: Beta-glucosidase 38 Short name= Os12bglu38 EC= 3.2.1.21  |
| <b>Expression Region</b> | 22-492   |
| <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  |



of lyophilized form is 12 months at -20°C/-80°C.