



# Recombinant *Oryza sativa* subsp. *japonica* Alpha-amylase isozyme 3A (AMY1.2)

|                          |   |
|--------------------------|---|
| <b>Product Code</b>      | CSB-MP333307OFG   |
| <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>       | P27932  |
| <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>          | QTQI LFQGFNWDSW KKQGGWYNML KDQVGDIASA GVTHVWLPPP<br>THSVSPQGYM PGRLYDLNAS KYGTKAELKS LIAAFHAKGI KCVADIVVNH<br>RCADDDKDG RG VYCIFKGGGP RGCLDWGPSM ICCDDTQYSD<br>GTGHRDTGAD FAAAPDIDHL NPLVQRELS D WLRWLR RDVG FDGWRLDFAK<br>GYSAAVARTY VQNARPSFVV AEIWNSLSYD GDGKPAANQD<br>GQRQELVNWV KQVGGPATAF DFTTKGILQS AVQGELWRMR<br>DKDGKAPGMI GWYPEKAVTF VDNHDTGSTQ RMWPFPSDKV ILGYAYILTH<br>PGVPCIFYDH VFDWNLKQEI NALAATRKR N GINAGSKLRV LAAESDMYVA<br>MVDERVITKI GPRIDVGNII PSDFHIVAHG NDYCVWEKSG LRVPEPEGR |
| <b>Source</b>            | Mammalian cell  |
| <b>Target Names</b>      | AMY1.2  |
| <b>Protein Names</b>     | Recommended name: Alpha-amylase isozyme 3A EC= 3.2.1.1 Alternative name(s): 1,4-alpha-D-glucan glucanohydrolase   |
| <b>Expression Region</b> | 27-440  |
| <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.  |