



# Recombinant *Oryza sativa* subsp. *indica* Expansin-A4 (EXPA4)

|                          |   |
|--------------------------|---|
| <b>Product Code</b>      | CSB-BP386095OFF   |
| <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>       | A2Y5R6  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | <i>Oryza sativa</i> subsp. <i>indica</i> (Rice)   |
| <b>Purity</b>            | >85% (SDS-PAGE)   |
| <b>Sequence</b>          | AG YGGWQSAHAT FYGGGDASGT MGGACGYGNL YSQGYGTNTA<br>ALSTALFNDG AACGSCYELR CDNAGSSCLP GSITVTATNF CPPNYGLPSD<br>DGGWCNPPRP HFDMAEPAFL HIAQYRAGIV PVSFRRVPCV KGGGVRFTVN<br>GHSYFNLLV TNVAGAGDVR SVSIKGSRTG WQPMSRNWGQ<br>NWQSN AFLDG QLSLFQVTAS DGRTVTSNNV AHPGWQFGQT FEGGQF   |
| <b>Source</b>            | Baculovirus   |
| <b>Target Names</b>      | EXPA4   |
| <b>Protein Names</b>     | Recommended name: Expansin-A4 Alternative name(s): Alpha-expansin-4<br>OsEXP4 OsEXPA4 OsaEXPa1.22   |
| <b>Expression Region</b> | 19-246  |
| <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.  |