



Recombinant *Oryza sativa* subsp. *japonica* Expansin-A1 (EXPA1)

Product Code	CSB-EP773732OFG
Abbreviation	EXPA1
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.	Q7XWU8
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. <i>japonica</i> (Rice)
Purity	≥85% (SDS-PAGE)
Sequence	FT ASGWNKAFAT FYGGSDASGT MGGACGYGDL YSTGYGTNTA ALSTVLFNDG ASCGQCYRIM CDYQADRRFC ISGTSVTITA TNLCPPNYAL PNDAGGWCNP PRQHFDMAEP AWLKIGVYVG GIVPVMYQRV PCAKQGGVRF TINGRDYFEL VLVSNNVGGVG SIQSVSIKGS RTGWMAMSRN WGVNWQSNAY LDGQSLSFKV TSSDGQTLTF LDVAPAGWTF GQTFSTSQQF S
Source	E.coli
Target Names	EXPA1
Protein Names	Recommended name: Expansin-A1 Alternative name(s): Alpha-expansin-1 OsEXP1 OsEXPA1 OsaEXPa1.16 RiExA
Expression Region	29-261
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.