



Recombinant *Oryza sativa* subsp. *japonica* Expansin-A23 (EXPA23.1)

Product Code	CSB-EP683856OFG
Abbreviation	EXPA23.1
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.	Q4PR43
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. <i>japonica</i> (Rice)
Purity	≥85% (SDS-PAGE)
Sequence	ANTATTTPT NPVAAPTQWQ KAHATFYGGA DASGTMGGAC GYGNLYSQGY GTRNAALSTA LFNDGASCGQ CYKIACDRKR APQWCKPGVT VTITATNFCP PNWNLPSDNG GWCNPPRPHF DMAQPAWEKI GVYSAGIIPV IYQRVPCVKK GGLRFTINGH DYFQLVLVTN VAAAGSIKSM EVMGSNTADW MPMARNWGAQ WHSLAYLTGQ GLSFRVTNTD DQTLVFTNVV PPGWKFGQTF ASKLQFK
Source	E.coli
Target Names	EXPA23.1
Protein Names	Recommended name: Expansin-A23 Alternative name(s): Alpha-expansin-23 OsEXP23 OsEXPA23 OsaEXPa1.12
Expression Region	22-267
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.