



Recombinant Arabidopsis thaliana Expansin-A23 (EXPA23)

Product Code	CSB-EP884282DOA-B
Abbreviation	EXPA23
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.	Q9FL79
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	HRA MINDVAEAPV FDDVVSPNGL DSSWYDARAT FYGDIHGGET QQGACGYGDL FKQGYGLETA ALSTALFNEG YTCGACYQIM CVNDPQWCLP GSVKITATNF CPPDYKTEG VWCNPPQKHF DLSLPMFLKI AQYKAGVVPV KYRRISCART GGVKFETKGN PYFLMILPYN VGGAGDIKLM QVKGDKTGWI TMQKNWGQNW TTGVNLTGQG ISFRVTTSDG VTKDFNNVMP NNWGFQQTFD GKINF
Source	E.coli
Target Names	EXPA23
Protein Names	Recommended name: Expansin-A23 Short name= AtEXPA23 Alternative name(s): Alpha-expansin-23 Short name= At-EXP23 Short name= AtEx23 Ath-ExpAlpha-1.17
Expression Region	28-275
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.