



Recombinant Arabidopsis thaliana Expansin-A12 (EXPA12)

Product Code	CSB-EP885318DOA-B
Abbreviation	EXPA12
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.	Q9LDJ3
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	SNGWIRA HATYYGVNDS PASLGGACGY DNPYHAGFGA HTAALSGELF RSGESCGGCY QVRCDFPADP KWCLRGA AVT VTATNFCPTN NNGWCNLP RHHFDMSSPAF FRIARRGNEG IVPVFYRRVG CKRRGGVRFT MRGQGNFNMV MISNVGGGGS VRSVAVRGSK GKTWLQMTRN WGANWQSSGD LRGQRLSFKV TLTDSKTQTF LNVVPSSWWF GQTFSSRGRQ FV
Source	E.coli
Target Names	EXPA12
Protein Names	Recommended name: Expansin-A12 Short name= AtEXPA12 Alternative name(s): Alpha-expansin-12 Short name= At-EXP12 Short name= AtEx12 Ath-ExpAlpha-1.24 Expansin-S2
Expression Region	24-252
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.