



Recombinant Arabidopsis thaliana Polygalacturonase QRT2 (QRT2)

Product Code	CSB-EP890326DOA
Abbreviation	QRT2
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.	Q9SFB7
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	SYPFNHRDD LFMSSNVYYE TNRQHQHGHN TRNSHLKNRH GYAPRSSPRS FNVNTFGAKA NGNDDSKAFM KAWEAACSST GIVYIVAPKN RDYMLKAVTF SGPCKSSLII FKIYGRIEAW ENPSDYKERR HWIVFENVNN LRVEGGGRID GNGHIWWPKS CKINPQLPCL GAPTAVTFVE CNNLRVSNIR LENAQQMHLT FQDCKNVKAL NLMVTSPADS PNTDGIHVSG TQNILIQDSI VRTGDDCISI VSGSENV RAT GITCGPGHGI SIGSLGEDNS EAYVSNVVVN KATLIGTTNG VRIKTWQGGH GMAKNIIFQD IIMKNVTNPI IINQDYCDRV EACPEQKSAV QVSNVLYKNI QGTSSRPIAV KFCVSKNIPC RGISMQNVKL VDQTQQDVSK ASCSNVKLD T RGNVSPLCT
Source	E.coli
Target Names	QRT2
Protein Names	Recommended name: Polygalacturonase QRT2 Short name= AtQRT2 Short name= PG QRT2 EC= 3.2.1.15 Alternative name(s): Pectinase QRT2 Protein QUARTET 2
Expression Region	22-439
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.