



Recombinant *Cryptomeria japonica* Polygalacturonase

Product Code	CSB-EP337345DYO-B
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.	P43212
Product Type	Recombinant Protein
Immunogen Species	<i>Cryptomeria japonica</i> (Japanese cedar) (<i>Cupressus japonica</i>)
Purity	≥85% (SDS-PAGE)
Sequence	RKVEH SRHDAINIFN VEKYGAVGDG KHDCTEAFST AWQAACKKPS AMLLVPGNKK FVNNLFFNG PCQPHFTFKV DGIIAAYQNP ASWKNNRIWL QFAKLTGFTL MGKGVIDGQG KQWWAGQCKW VNGREICNDR DRPTAIKFDF STGLIIQGLK LMNSPEFHLV FGNCEGVKII GISITAPRDS PNTDGDIFA SKNFHLQKNT IGTGDCCVAI GTGSSNIVIE DLICGPGHGI SIGSLGRENS RAEVSIVHVN GAKFIDTQNG LRIKTWQGGG GMASHIIYEN VEMINSENPI LINQFYCTSA SACQNQRSVAV QIQDVITYKNI RGTSATAAAI QLKCSDSMPC KDIKLSDISL KLTSGKIASC LNDNANGYFS GHVIPACKNL SPS
Source	E.coli
Protein Names	Recommended name: Polygalacturonase Short name= PG EC= 3.2.1.15 Alternative name(s): Allergen Cry j II Major pollen allergen Cry j 2 Pectinase Allergen= Cry j 2
Expression Region	46-433
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.