



Recombinant Chamaecyparis obtusa Polygalacturonase

Product Code	CSB-MP752116CHAX
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.	Q7M1E7
Product Type	Recombinant Protein
Immunogen Species	Chamaecyparis obtusa (Hinoki false-cypress)
Purity	>85% (SDS-PAGE)
Sequence	SRHDAATVFN VEQYGAVGDG KHDSTEAFAT TWNAACKKAS AVLLVPANKK FFVNNLVFRG PCQPFLSFKV DGTIVAQPDP ARWKNKIWL QFAQLTDFNL MGTGVIDGQG QQWWAGQCKV VNGRTVCNDR NRPTAIKIDY SKSVTVKELT LMNSPEFHLV FGECEGVKIQ GLKIKAPRDS PNTDGDIFA SKRFHIEKCV IGTGDDCIAI GTGSSNITIK DLICGPGHGI SIGSLGRDNS RAEVSHVHVN RAKFIDTQNG LRIKTWQGGG GLASYITYEN VEMINSENPI LINQFYCTSA SACQNQRSVAV QIQGVTYKNI HGTSATAAAI QLMCSDSVPC TGIQLSNVSL KLTSGKPASC VDKNARGFYS GRLIPTCKNL RGPSPKEFE LQQQPTTVMD ENKGACAKGD STCISLSSSP PNCKNKCKGC QPCKPKLIIV HPNKPQDYYP QKWVCSCHNK IYNP
Source	Mammalian cell
Protein Names	Recommended name: Polygalacturonase Short name= PG EC= 3.2.1.15 Alternative name(s): Major pollen allergen Cha o 2 Pectinase Allergen= Cha o 2
Expression Region	51-514
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.