



Recombinant Chamaecyparis obtusa Polygalacturonase

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| Product Code | CSB-EP752116CHAX-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. | Q7M1E7 |
| Product Type | Recombinant Protein |
| Immunogen Species | Chamaecyparis obtusa (Hinoki false-cypress) |
| Purity | >85% (SDS-PAGE) |
| Sequence | SRHDAATVFN VEQYGAVGDG KHDSTEAFAT TWNAACKKAS AVLLVPANKK FFVNNLVFRG PCQPHLSFKV DGTIVAQPDP ARWKNskiwl 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 | E.coli |
| 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. |