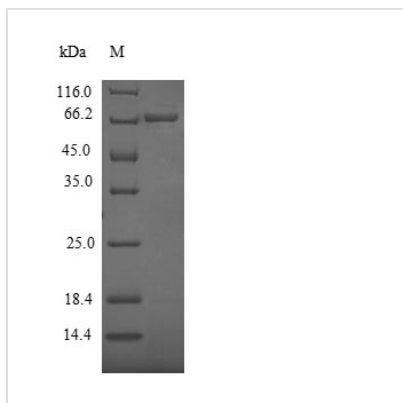


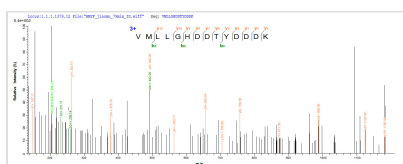


Recombinant Hesperocyparis arizonica Pectate lyase 1

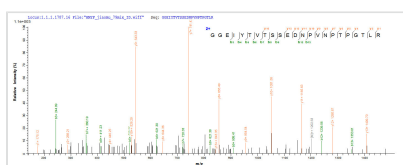
Product Code	CSB-EP871029COAD
Relevance	Has pectate lyase activity.
Abbreviation	Recombinant Hesperocyparis arizonica Pectate lyase 1 protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the 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.	Q9SCG9
Alias	Major pollen allergen Cup a 1 Allergen: Cup a 1
Product Type	Recombinant Protein
Immunogen Species	Hesperocyparis arizonica (Arizona cypress) (Cupressus arizonica)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	DNPIDSCWRGDSNWDQNRMKLADCVVGFSGSSTMGGKGGEIYTVTSSSEDNPV NPTPGTLRYGATREKALWIIFSQNMNIKLMPLYVAGYKTIDGRGADVHLGNG GPCLFMRKASHVILHGLHIHGCNTSVLGDVLVSESIGVEPVHAQDGDAITMRN VTNAWIDHNSLSDCSDGLIDVTLGSTGITISNNHFFNHHKVMLLGHDDTYDDDK SMKVTVAFNQFGPNAGQRMPRARYGLVHVANNNYDQWNIYAIGGSSNPTILS EGNSFTAPNESYKKEVTKRIGCETTSACANWVWRSTRDAFTNGAYFVSSGKA EDTNIYNSNEAFKVENGNAAPQLTQNAGVVA
Research Area	others
Source	E.coli
Protein Names	Recommended name: Major pollen allergen Cup a 1 Alternative name(s): Allergen= Cup a 1
Expression Region	22-367aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Mol. Weight	42.6kDa
Protein Length	Full Length of Mature Protein
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP871029COAD could indicate that this peptide derived from E.coli-expressed Cupressus arizonica (Arizona cypress) (Callitropsis arizonica) Pectate lyase 1.



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP871029COAD could indicate that this peptide derived from E.coli-expressed Cupressus arizonica (Arizona cypress) (Callitropsis arizonica) Pectate lyase 1.

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.