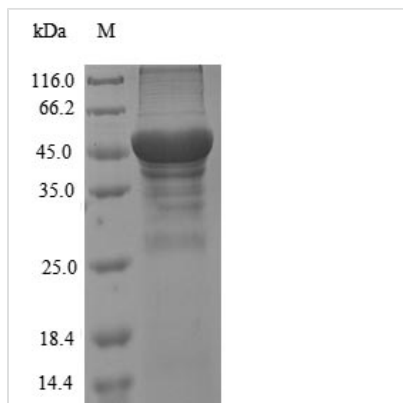




Recombinant Ambrosia artemisiifolia Pectate lyase 1

Product Code	CSB-EP326746BYC
Relevance	Has pectate lyase activity.
Abbreviation	Recombinant Ambrosia artemisiifolia 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.	P27760
Alias	Antigen Amb a I Antigen E Short name:AgE
Product Type	Recombinant Protein
Immunogen Species	Ambrosia artemisiifolia (Short ragweed)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	AEDVEEFLPSANETRRSLKACEAHNIIDKCWRCKADWANNRQALADCAQGFA KGTYGGKKGHDVYTVTSDKDDDVANPKEGTLRFAAAQNRPLWIIFKRNMVIHLN QELVVNSDKTIDGRGVKVNIVNAGLTLMNVKNIHHNINIHDIKVCPGGMIKSNDG PPILRQQSDGDAINVAGSSQIWIDHCSSLKASDGLLDITLGSSHVTVSNCKFTQ HQFVLLLGADDTHYQDKGMLATVAFNMFTDHVDQRMPCRFRGFFQVVNNNY DRWGTYAIGGSSAPTILSQGNRFFAPDDIIKKNVLARTGTGNAESMSWNWRT DRDLENGAIFLPSGSDPVLTPSEQKAGMIPAEPGEAVLRLTSSAGVLSCHQGA PC
Research Area	Allergen
Source	E.coli
Protein Names	Recommended name: Pollen allergen Amb a 1.2 Alternative name(s): Antigen Amb a I Antigen E Short name= AgE Protein AaBA Allergen= Amb a 1.2
Expression Region	26-398aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	44.8kDa
Protein Length	Full Length of Mature Protein
Image	



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

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 $-20^{\circ}\text{C}/-80^{\circ}\text{C}$. 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 $-20^{\circ}\text{C}/-80^{\circ}\text{C}$. The shelf life of lyophilized form is 12 months at $-20^{\circ}\text{C}/-80^{\circ}\text{C}$.