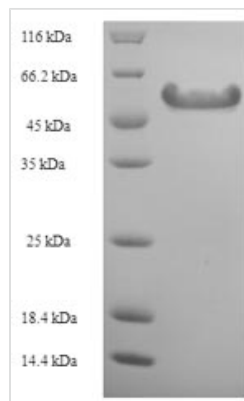




Recombinant Ambrosia artemisiifolia Pectate lyase 5

Product Code	CSB-EP329754BYC
Relevance	Has pectate lyase activity.
Abbreviation	Recombinant Ambrosia artemisiifolia Pectate lyase 5 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.	P27759
Product Type	Recombinant Protein
Immunogen Species	Ambrosia artemisiifolia (Short ragweed)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	AEDLQEILPVNETRRLTTSGAYNIIDGCWRGKADWAENRKALADCAQGFGKG TVGGKDGDIYTVTSELDDDVANPKEGTLRFGAAQNRPLWIIFERDMVIRLDKE MNVNSDKTIDGRGAKVEIINAGFTLNGVKNVIIHNINMHDVKVNPGGLIKSNDBG AAPRAGSDGDAISISGSSQIWIDHCSLSKSDGLVDAKLGTTTLTVSNSLFTQH QFVLLFGAGDENIEDRGMLATVAFNTFTDNVDQRMPCRHRHGFFQVVNNNYDK WGSYAIGGSASPTILSQGNRFCAPDERSKKNVLGRHGEEAAESMKWNWRTN KDVLENGAIFVASGVDPVLTPEQSAGMIPAEPGESALSLTSSAGVLSCQPGAP C
Research Area	Others
Source	E.coli
Expression Region	26-396aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	55.8kDa
Protein Length	Full Length of Mature Protein
Image	



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

Description

Discover the versatility of recombinant *Ambrosia artemisiifolia* Pectate lyase 5, a full-length mature protein, vital for research in diverse fields. Produced in *E.coli*, this protein spans the expression region of 26-396aa and is fused with an N-terminal 6xHis-SUMO tag for easy purification. Pectate lyase 5, also known as Antigen Amb a I, has a purity greater than 90%, as evidenced by SDS-PAGE analysis. The lyophilized powder form ensures convenient storage and reconstitution for various applications, making it a valuable addition to your research endeavors.

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.