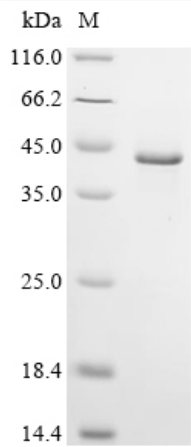


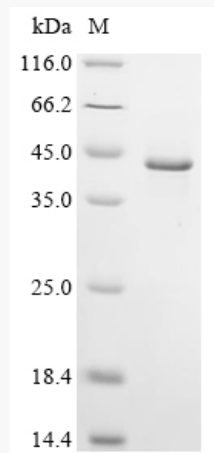
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Datasheet

Product Name	Recombinant Cupressus arizonica Pectate lyase 1
Catalog Number	AAA18756
Expression host	<i>E.coli</i>
Product Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Storage Buffer	0.2 µm sterile filtered 10 mM Tris-HCl, 1 mM EDTA, pH 8.0, 50% glycerol
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Relevance	Has pectate lyase activity.
AA sequence	DNPIDSCWRGDSNWDQNRMKLADCVVVGFSSTMGGKGGEIYTVTSSEDNPV NPTPGTLRYGATREKALWIIFSQNMNIKLQMPLYVAGYKTIDGRGADVHLGN GGPCLFMRKASHVILHGLHIHGCNTSVLGDVLVSESIGVEPVHAQDGDITMR NVTNAWIDHNSLSDCSDGLIDVTLGSTGITISNNHFFNHHKVMLLGHDDTYD DDKSMKVTVAFNQFGPNAGQRMPRARYGLVHVANNNYDQWNIYAIGGSSN PTILSEGNSFTAPNESYKKEVTKRIGCETTSACANWVWRSTRDAFTNGAYFVS SGKAEDTNIYNSNEAFKVENGNAAPQLTQNAGVVA
References	"Molecular cloning of major allergen from Cupressus arizonica pollen: Cup a 1." Aceituno E., Del Pozo V., Minguez A., Arrieta I., Cortegano I., Cardaba B., Gallardo S., Rojo M., Palomino P., Lahoz C. Clin. Exp. Allergy 30:1750-1758(2000)

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Certificate of Analysis

Product Name	Recombinant Cupressus arizonica Pectate lyase 1		
Catalog Number	AAA18756		
Expression host	E.coli		
Product Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged		
Buffer	0.2 μm sterile filtered 10 mM Tris-HCl, 1 mM EDTA, pH 8.0, 50% glycerol		
Batch Number	YD04081b1g5		
Nature	Cupressus arizonica Pectate lyase 1-(AA 22-367)- Q9SCG9 -Full Length of Mature Protein		
Purification	Affinity purified using IMAC		
Recommended Storage	Short term	2 to 8 °C, one week from the date of receipt	
	Long term	-20 to -80 °C, six months from the date of receipt	
Form	Liquid		
Date of detection	2022.09.02		
Test Items	Specifications		Results
Appearance	Clear Solution		pass
Concentration	0.1-5 mg/ml, by the Bradford Method.		0.62 mg/ml
Purity	≥90%, by SDS-PAGE quantitative densitometry by Coomassie Blue Staining.		95%
Molecular Weight	Predicted band size: 42.6 kDa		Observed band size: 43 kDa



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Electrophoretic parameters	(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.	
Aseptic Processing	0.2 µm sterile filtered	
Endotoxin Level	<1.0 EU per 1µg of the protein by the LAL method.	pass
Activity	Not tested	
Conclusion	pass	