

Juniperus ashei Pectate lyase 1 Recombinant Protein

Recombinant Juniperus ashei Pectate lyase 1

CATALOG # AAA115584	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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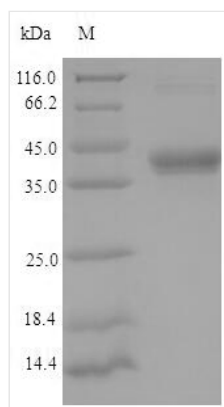
PRODUCT SYNONYMS

Juniperus ashei Pectate lyase 1; Recombinant Juniperus ashei Pectate lyase 1; Juniperus ashei Pectate lyase 1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	22-367aa; Full Length of Mature Protein
Sequence	DNPIDSCWRG DSNWDQNRMK LADCAVGFGS STMGGKGGDF YTVTSTDDNP VNPTPGTLRY GATREKALWI IFSQNMNIKL KMPLYVAGHK TIDGRGADVH LGNGGPCLFM RKVSHVILHS LHIHGCNTSV LGDVLVSESI GVEPVHAQDG DAITMRNVTN AWIDHNSLSD CSDGLIDVTI GSTGITISNN HFFNHHKVML LGHDDTYDDD KSMKVTVAFN QFGPNAGQRM PRARYGLVHV ANNNYDPWNI YAIGGSSNPT ILSEGNSTFA PSESYKKEVT KRIGCESPSA CANWVWRSTR DAFINGAYFV SSGKTEETNI YNSNEAFKVE NGNAAPQLTK NAGVVT
Sequence Length	367
Production Note	Special Offer: The Yeast host-expressed protein is manufactured from a stock plasmid containing the protein gene. Yeasthost-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The Yeast host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select Yeast host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Juniperus ashei Pectate lyase 1 recombinant protein	Has low pectate lyase activity.
References	Molecular cloning of the mountain cedar (Juniperus ashei) pollen major allergen, Jun a 1.Midoro-Horiuti T.M., Goldblum R.M., Kurosky A., Wood T.G., Brooks E.G.J. Allergy Clin. Immunol. 104:613-617(1999) Isolation and characterization of the mountain cedar (Juniperus ashei) pollen major allergen, Jun a 1.Midoro-Horiuti T., Goldblum R.M., Kurosky A., Goetz D.W., Brooks E.G.J. Allergy Clin. Immunol. 104:608-612(1999) Plant-expressed recombinant mountain cedar allergen Jun a 1 is allergenic and has limited pectate lyase activity.Liu Z., Bhattacharyya S., Ning B., Midoro-Horiuti T., Czerwinski E.W., Goldblum R.M., Mort A., Kearney C.M.Int. Arch. Allergy Immunol. 153:347-358(2010) Crystal structure of Jun a 1, the major cedar pollen allergen from Juniperus ashei, reveals a parallel beta-helical core.Czerwinski E.W., Midoro-Horiuti T., White M.A., Brooks E.G., Goldblum R.M.J. Biol. Chem. 280:3740-3746(2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	9087152
UniProt Accession #	P81294; Q9ZNU7
Molecular Weight	39.6 kDa
NCBI Official Full Name	Pectate lyase 1
UniProt Protein Name	Pectate lyase 1
UniProt Entry Name	PLY1_JUNAS

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/juniperus-ashei-pectate-lyase-1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/115584>