

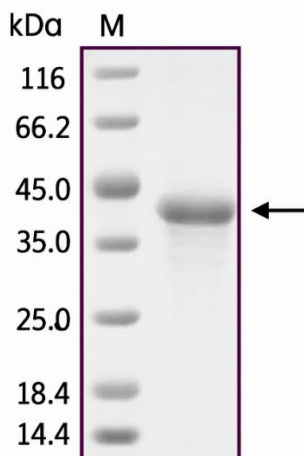
SPECIFICATION SHEET

Product Name: Jun a 1
Catalog #JA01-A22H

Product Description: Recombinant *Juniperus ashei* allergen Jun a 1 was expressed in *E. coli* and purified by affinity chromatography using a His tag.

Storage and Stability: Store at -20°C. To avoid repeated handling and multiple freeze/thaw cycles aliquot product into smaller quantities.

Alternative Names	: Pectate lyase 1
Source	: <i>Juniperus ashei</i> (ozark white cedar)
Accession Numbers	: Genbank: AAD03608 UniProt: P81294
Host	: <i>E. coli</i>
Formulation	: Protein stored in 20 mM Tris, 500 mM NaCl, 2 M urea, 200 mM Arg, pH 7.5
Molecular Weight	: Calculated: 38.6 kDa Observed: ~38.0 kDa
Purity	: The purity was determined to be ≥ 90% by densitometry
Gel Image	



References

1. Midoro-Horiuti T, et al. Isolation and characterization of the mountain cedar (*Juniperus ashei*) pollen major allergen, Jun a 1. *J Allergy Clin Immunol.* 1999 Sep;104(3 Pt 1):608-12.
2. Gross GN, et al. Isolation and partial characterization of the allergen in mountain cedar pollen. *Scand J Immunol.* 1978;8(5):437-41.

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