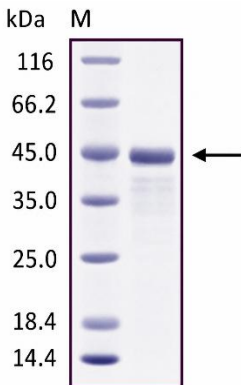


SPECIFICATION SHEET

Product Name: Amb a 11
Catalog #AA11-A22H

Product Description: Recombinant *Ambrosia artemisiifolia* allergen Amb a 11 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	: Amino acid thiol protease, pollen allergen Amb a 11
Source	: <i>Ambrosia artemisiifolia</i> (short ragweed)
Accession Numbers	: Genbank: AHA56102 UniProt: V5LU01
Host	: <i>E. coli</i>
Formulation	: Protein stored in 20 mM Tris, 300 mM NaCl, 200 mM Arg, 2 M Urea, pH 7.4
Molecular Weight	: Calculated: 41.7 kDa Observed: ~44.0 kDa
Purity	: The purity was determined to be ≥ 90% by densitometry
Gel Image	

References

1. Bouley J, et al. Identification of the cysteine protease Amb a 11 as a novel major allergen from short ragweed. *J Allergy Clin Immunol.* 2015 Oct;136(4):1055-64.
2. Groeme R, et al. Structural and Functional Characterization of the Major Allergen Amb a 11 from Short Ragweed Pollen. *J Biol Chem.* 2016 Jun 17;291(25):13076-87.