

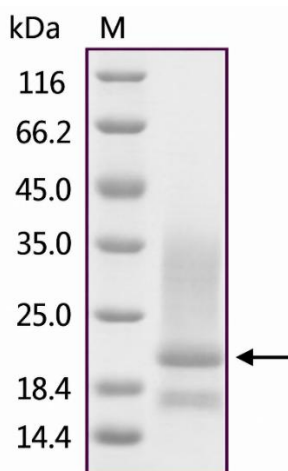
SPECIFICATION SHEET

Product Name: Fra e 1
Catalog #FE01-A22H

Product Description: Recombinant *Fraxinus excelsior* allergen Fra e 1 was expressed in *P. pastoris* 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 : Ash pollen major allergen, Ole e 1-like protein, Ole e 1 homolog
Source : *Fraxinus excelsior* (European ash)
Accession Numbers : Genbank: [AA008947](#)
 UniProt: [Q7XAV4](#)
Host : *P. pastoris*
Formulation : Protein stored in 20 mM Tris, 300 mM NaCl, pH 7.4
Molecular Weight : Calculated: 20 kDa
 Observed: ~20.0 kDa
Purity : The purity was determined to be ≥ 90% by densitometry

Gel Image

References

1. Barderas R, et al. Cloning, expression, and clinical significance of the major allergen from ash pollen, Fra e 1. *Journal of Allergy and Clinical Immunology*. 2005;115(2):351-357.
2. Barderas R, et al. Isolation of the main allergen Fra e 1 from ash (*Fraxinus excelsior*) pollen: comparison of the natural and recombinant forms. *Annals of Allergy, Asthma & Immunology*. 2006;96(4):557-563.

Version: 1.0