



## Recombinant Alt a 1

**Product Code: RE-AA1**

Allergen: rAlt a 1 (*Alternaria alternata*, allergen 1)

Lot No: xxxx

Source: *E coli*

Mol. Wt: ~16kD

Purification: Ion Exchange chromatography  
Purity > 90 % by SDS-PAGE

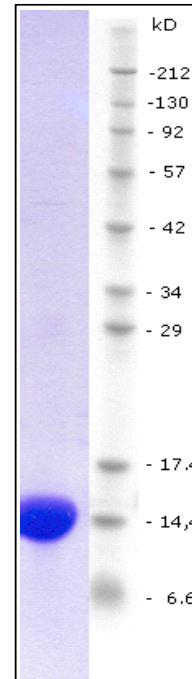
Concentration: 2.0 mg/ml

Mol. Ext. Coeff.: 22,908; 1mg/ml A278 = 1.57

Formulation: Preservative-free and carrier-free  
in 10mM Phosphate buffer, pH 7.2

Storage: Store at -20°C

Notes: Not tested for endotoxin.



**For Research Use Only: Not for Diagnostic or Therapeutic Use**

**References:**

1. Unger A, Stoger P, Simon-Nobbe B, Susani M, Cramer R, Ebner C, Hintner H, Breitenbach M. Clinical testing of recombinant allergens of the mold *Alternaria alternata*. Int Arch Allergy Immunol. 1999;118:220-1.
2. Vailes L, Sridhara S, Cromwell O, Weber B, Breitenbach M, Chapman M. Quantitation of the major fungal allergens, Alt a 1 and Asp f 1, in commercial allergenic products. J Allergy Clin Immunol. 2001;107:641-6.
3. Vailes LD, Perzanowski MS, Wheatley LM, Platts-Mills TA, Chapman MD. IgE and IgG antibody responses to recombinant Alt a 1 as a marker of sensitization to *Alternaria* in asthma and atopic dermatitis. Clin Exp Allergy. 2001;31:1891-5