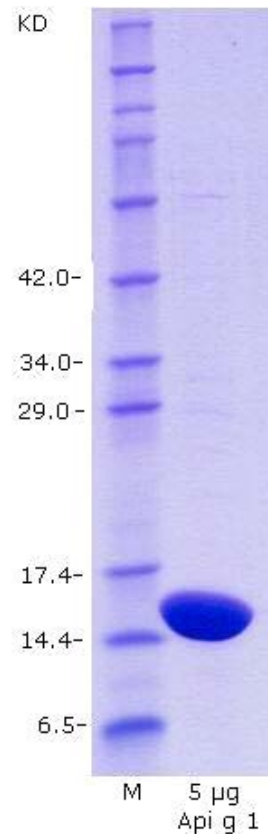


## Recombinant Api g 1

### Product Code: rApi g 1

Allergen:	rApi g 1 ( <i>Apium graveolens</i> , allergen 1)
Lot No:	xxxx
Source:	<i>E coli</i>
Mol. Wt:	~16kD (according to sequence from database without Methionine)
Purification:	Purity > 99 % by SDS-PAGE
Concentration:	See product insert
Mol. Ext. Coeff.:	5,854; 1mg/ml A278 = 0.36
Formulation:	Preservative-free and carrier-free in 10mM PO4 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:

- Hoffman-Sommergruber K, Ferris R, Pec M, Radauer C, O’Riordain G, Laimer Da Camara Machado M, Scheiner O, Breiteneder H. Characterization of api g 1.0201, new member of the Api g 1 family of celery allergens. *Int Arch Allergy Immunol.* 2000, 122:(2):115-23.
- Hoffmann-Sommergruber K, Demoly P, Cramer R, Breiteneder H, Ebner C, Laimer Da Camara Machado M, Blaser K, Ismail C, Scheiner O, Bousquet J, Menz G. IgE reactivity to Api g 1, a major celery allergen, in a Central European population is based on primary sensitization by Bet v 1. *J Allergy Clin Immunol* 1999, 104:478-84.
- Hoffmann-Sommergruber K, Vanek-Krebitz M, Ferris R, O’Riordain G, Susani M, Hirschwahr R, Ebner C, Ahorn H, Kraft D, Scheiner O, Breiteneder H. Isolation and cloning of Bet v 1-homologous food allergens from celeriac (Api g 1) and apple (Mal d 1). *Adv Exp Med Biol* 1996;409:219-24.
- Breiteneder H, Hoffmann-Sommergruber K, O’Riordain G, Susani M, Ahorn H, Ebner C, Kraft D, Scheiner O. Molecular characterization of Api g 1, the major allergen of celery (*Apium graveolens*), and its immunological and structural relationships to a group of 17-kDa free pollen allergens. *Eur J Biochem* 1995, 15:233;484-9.