INDOOR biotechnologies

Recombinant Api g 1

Product Code: RP-AG1-1

Allergen:	rApi g 1.0101 *(Apium gravolens*, allergen 1.0101)
Lot No:	**XXXXX**
Source:	*P. pastoris*
Mol. Wt:	~16 kD
Purification:	Purified from *Pichia pastoris* culture by multi-step chromatography. Purity > 95 % by silver stained SDS-PAGE, run under reducing conditions.
Concentration:	See Product Insert
Formulation:	Preservative and carrier free in 1X PBS buffer, pH 7.4
Storage:	Store at -20^{o}C. Avoid repeated freeze-thaw cycles.
Notes:	(1) rApi g 1 has a C-terminal 6xHis-tag. (2) Not tested for endotoxin.

For Research Use Only: Not for Diagnostic or Therapeutic Use

References:

1. Hoffman-Sommergruber K, Ferris R, Pec M, Radauer C, O'Riordain G, Laimer Da Camarara Machado M, et al. 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.
2. Hoffmann-Sommergruber K, Demoly P, Crameri R, Breiteneder H, Ebner C, Laimer Da Camara Machado M, et al. IgE reactivity to Api g 1, a major celery allergen, in Central European population is based on primary sensitization by Bet v 1. J Allergy Clin Immunol 1999;104:478-84.
3. Hoffman-Sommergruber K, Vanek-Krebitz M, Ferris R, O'Riordain G, Susani M, Hirschwehr R, et al. 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
4. Breitenender H, Hoffmann-Sommergruber K, O'Riordain G, Sasani M, Ahorn H, Ebner C, et al. 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.