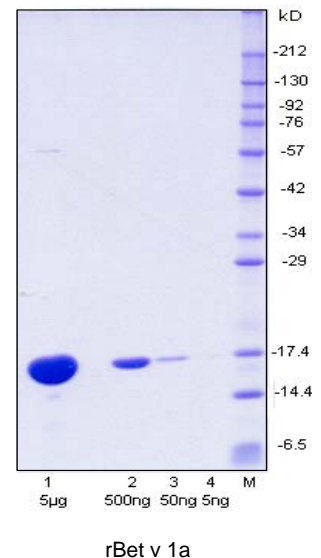


LoTox™ Recombinant Bet v 1a

Product Code: LTR-BV1A-1

Allergen:	rBet v 1a (<i>Betula verrucosa</i> , allergen 1a)
Source:	<i>E. coli</i>
Mol. Wt:	~17kD (according to sequence from database without Methionine)
Purification:	Multi-step chromatographic purification. Purity > 90 % by SDS-PAGE
Concentration:	(See package insert)
Mol. Data:	GenBank acc. no. X15877, 160 amino acids, Molar ext. coeff.: 10,150; 1.0 A ₂₇₆ = 0.58mg/ml
Formulation:	Preservative and carrier-free in 10mM PO ₄ buffer, pH 7.2
Storage:	Store at -20°C
Notes:	A LoTox™ product: Endotoxin <10EU/mg (<0.01 EU/μg)



For Research Use Only: Not for Diagnostic or Therapeutic Use

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1. Breiteneder H, Pettenburger K, Bito A, Valenta R, Kraft D, Rumpold H, Scheiner O, Breitenbach M. The gene coding for the major birch pollen allergen Bet v 1, is highly homologous to a pea disease resistance response gene. *EMBO J.* 1989;8:1935-8.
2. Hoffmann-Sommergruber K, Susani M, Ferreira F, Jertschin P, Ahorn H, Steiner R, Kraft D, Scheiner O, Breiteneder H. High-level expression and purification of the major birch pollen allergen, Bet v 1. *Protein Expr Purif.* 1997;9:33-9.
3. Godnic-Cvar J, Susani M, Breiteneder H, Berger A, Havelec L, Waldhor T, Hirschwehr R, Valeta R, Scheiner O, Rudiger H, Kraft D, Ebner C. Recombinant Bet v 1, the major birch pollen allergen, induces hypersensitivity reactions equal to those induced by natural Bet v 1 in the airways of patients allergic to tree pollen. *J Allergy Clin Immunol.* 1997;99:354-9