

## Recombinant Bet v 2.0101

**Product Code: RP-BV2-1**

Allergen:	rBet v 2.0101 ( <i>Betula pendula</i> allergen 2.0101)
Lot No:	xxxxx
Source:	Profilin from birch expressed in <i>Pichia pastoris</i>
Mol. Wt:	15 kD; under reducing conditions
Purification:	Purified from <i>Pichia pastoris</i> by multi-step HPLC. Purity > 95 % by silver stained SDS-PAGE.
Concentration:	See product insert.
Formulation:	Preservative and carrier-free in PBS, pH 7.4. Filtered through 0.22µm filter.
Storage:	Store at -20°C. Avoid repeated freeze-thaw cycles.
Notes:	(1) rBet v 2 has a N-terminal 6xHis-tag.



rBet v 2

**An InBio™ product**

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

**REFERENCES:**

1. Valenta R et al. Identification of profilin as a novel pollen allergen: IgE autoreactivity in sensitized individuals. *Science*. 1991;253:557-60.
2. Offermann LR et al. Structural, Functional, and Immunological Characterization of Profilin Panallergens Amb a 8, Art v 4, and Bet v 2. *J Biol Chem*. 2016 Jul 22;291(30):15447-59.
3. Wölbing F et al. The clinical relevance of birch pollen profilin cross-reactivity in sensitized patients. *Allergy*. 2017 Apr;72(4):562-569.