



Product Data Sheet

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**Recombinant purified allergen 1 of birch pollen, Betula verrucosa, Isoform Bet v 1.0101**

**Cat#** BETV1a5-R-100

**Size:** 100 ug

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**Description**

Bet v 1a is a recombinant analogue to isoforma of the main allergen from birch pollen (BetV1a; ~17 Kda)

**Protein accession#** EMBL: X15877/Swissprot: P15494

**MW:** ~17,440 Dalton

**Purity:** > 98%

**Concn:** 1 mg/ml (lot sp concn specified on the vial)

**Quality control:**

Purity has been determined by SDS-PAGE and staining with Coomassie Brilliant Blue R-250. Alt a 2 (Alt a 6) Lot# 02 tested positive in an IgE-Immunoblot with a standardized pool of human Alt a 2 (Alt a 6)-reactive sera.

**Form and Storage**

When stored at -20°C the quality of the material will be maintained for several years. However, for short periods (max. 3 weeks) the lyophilized product may be kept at room temperature. After reconstitution store at -20°C. Avoid repeated freezing/thawing.

**Suggested Uses / Reconstitution**

The material can be reconstituted with distilled water (or equivalent) or dilute buffers. Addition of 1-2 mM β-Mercaptoethanol is recommended. If reconstituted to a concentration of 1 mg/ml, the phosphate buffer concentration will be 2 mM (pH 7,4). The product is soluble to more than 95% at a concentration of 2 mg/ml

**Country of Origin:** USA

**MSDS:**

This material is sold for research purposes only and is not required to appear on the TSCA inventory. It is not intended for food, diagnostic, drug, household, agricultural or cosmetic use. Its use must be supervised by a technically qualified individual experienced in handling potentially hazardous chemicals.

*This product is for in vitro research use only.  
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