



Recombinant *Betula verrucosa* (*Betula pendula*) Bet v 4.0101 [His] (DAG-WT173)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Recombinant allergen <i>Betula verrucosa</i> (<i>Betula pendula</i>) Bet v 4.0101. Full-length cDNA coding for Bet v 4.0101 fused to a hexa-histidine purification tag
Purity	>80% as determined by SDS-PAGE
Conjugate	His
Applications	Immunoassays
Molecular Weight	10kDa
Format	Liquid
Size	1 mg
Buffer	Neutral to slightly alkaline pH and 20% glycerol
Preservative	None
Storage	Store at -70°C or below. Avoid freeze / thaw cycles

BACKGROUND

Introduction	Bet v 4.0101 is primarily expressed in mature birch (<i>Betula verrucosa</i>) pollen. It is a 9 kDa calcium-binding protein of 2-EF-hand type, which is represented in pollen of a wide range of plant species. This extensive cross-reactivity can serve as a marker allergen for plant polysensitization.
Keywords	Bet v 1; <i>Betula verrucosa</i> ; Pollen allergen