
Product Data Sheet

Product Name: BETV4
Cat. No.: GP25136
Batch No.: 1

Product Data

Purity	>98%	Source	Sf9 insect cells.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Polcalcin Bet v 4; Calcium-binding pollen allergen Bet v 4; Bet v 4; BETV4.		
Formulation	BETV4 is supplied in 20mM HEPES buffer pH-7.9 and 6M Urea.		

Introduction

BETV4 is primarily expressed in mature birch (*Betula verrucosa*) pollen and Causes an allergic reaction in human. BETV4 is a calcium-binding protein of 2-EF-hand type, which is exists in pollen of various plant species. This cross-reactivity can serve as a marker allergen for plant polysensitization.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Avoid multiple freeze-thaw cycles.

Background

Recombinant BETV4 produced in SF9 is a glycosylated, polypeptide chain having a calculated molecular mass of 10,473 Dalton. BETV4 is expressed with a 6xHis tag at N-terminus and purified by proprietary chromatographic techniques.

Caution: Product has not been fully validated for medical applications. For research use only.

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