
Product Data Sheet

Product Name: Bet v 1.0101

Cat. No.: GP25134

Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Major pollen allergen Bet v 1-A; Allergen Bet v I-A; Bet v 1-A; BETVIA; BETVI.		
Amino Acid Sequence	MKHHHHHHGV FNYETETTSV IPAARLFKAF ILDGDNLFPK VAPQAISSEVE NIEGNGGPGT IKKISFPEGF PFKYVKDRVD EVDHTNFKYN YSVIEGGPIG DTLEKISNEI KIVATPDGGS ILKISNKYHT KGDHEVKAEQ VKASKEMGET LLRAVESYLL AHSDAYN.		
Formulation	Bet v 1.0101 protein solution is filtered in in PBS, pH 7.4.		

Introduction

Major pollen allergen Bet v 1-A (Bet v 1.0101) causes an allergic reaction in humans. Bet v 1.0101 is a cause of type I allergic reactions in Europe, North America and the former Soviet Union states, observed in early spring.

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 Major pollen allergen Bet v 1-A produced in SF9 is a single, glycosylated polypeptide chain containing 167 amino acids (2-160a.a) and having a molecular mass of 18.5kDa (calculated). Bet v 1.0101 is fused to an 8 a.a on N-terminal.

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

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