
Product Data Sheet

Product Name: Pen a 1.0101
Cat. No.: GP26367
Batch No.: 1

Product Data

Purity	>98%	Source	Sf9 insect cells.
Physical Appearance	solid	Shipping Condition	withIcePacks
Formulation	Pen a 1.0101 is supplied in 20mM HEPES buffer pH-7.9 200mM NaCl and 6M Urea.		

Introduction

Pen a 1.0101 is a Tropomyosin and the only major allergen in brown shrimp *Penaeus aztecus*. The panallergen is highly conserved and soluble muscle protein. Pen a 1.0101 has an alpha-helical homodimeric, coiled-coil structure.

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 Tropomyosin Pen a 1.0101 produced in SF9 is a glycosylated, polypeptide chain having a calculated molecular mass of 38kDa. Pen a 1.0101 is expressed with a 10xHis tag and purified by proprietary chromatographic techniques.

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

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