



Recombinant Penaeus aztecus Pen a 1.0101 [His] (DAG-WT164)

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

PRODUCT INFORMATION

Antigen Description	Recombinant allergen Penaeus aztecus Pen a 1.0101. Full-length cDNA coding for Pen a 1.0101 fused to a deca-histidine purification tag
Nature	Recombinant
Expression System	Insect cells
Purity	>80% as determined by SDS-PAGE
Conjugate	His
Applications	Immunoassays
Molecular Weight	34kDa
Format	Liquid
Size	1 mg
Buffer	Neutral to slightly alkaline pH and 6M urea
Preservative	None
Storage	Store at -70°C or below. Avoid freeze / thaw cycles
Warnings	PLEASE note that this product is intended for research use only; not for diagnostic or clinical use.

BACKGROUND

Introduction

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

Keywords

Tropomyosin; Pen a 1.0101; *Penaeus aztecus*
