

SPECIFICATION SHEET

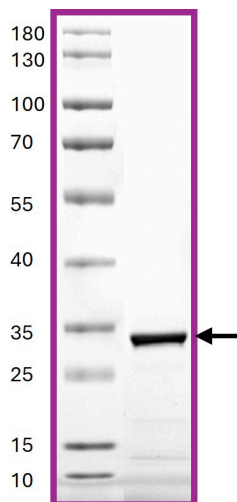
Product Name: Pen m 8

Catalog # PM08-A35H

Product Description: Recombinant *Penaeus monodon* (Giant tiger prawn) allergen Pen m 8 was expressed in *E. Coli* and purified by affinity chromatography using a His tag.

Storage and Stability: Store at -20°C. To avoid repeated handling and multiple freeze/thaw cycles, aliquot product into smaller quantities.

Alternative Names	: Triosephosphate isomerase
Source	: <i>Penaeus monodon</i> (Giant tiger prawn)
Accession Numbers	: GenBank: GQ328754 UniProt: F8QN77
Host	: <i>E. Coli</i>
Formulation	: Protein stored in 1x PBS, 5% trehalose solution
Molecular Weight	: Calculated: 30.5 kDa Observed: ~30 kDa
Purity	: The purity was determined to be $\geq 90\%$ by densitometry
Gel Image	



References

1. Wai CYY, et al. Comprehending the allergen repertoire of shrimp for precision molecular diagnosis of shrimp allergy. *Allergy*. 2022 Oct;77(10):3041-3051.
2. Li S, et al. Genomics of Shrimp Allergens and Beyond. *Genes* 2023, 14, 2145.

Version #: 1.0

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