

SPECIFICATION SHEET

Product Name: Blo t 2
Catalog # BT02-A25H

Product Description: Recombinant *Blomia tropicalis* allergen Blo t 2 was expressed in *HEK293 Cells* 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 : *Blomia tropicalis* Group 2 Allergen, Blo t 2 cysteine-containing ML-domain protein

Source : *Blomia tropicalis* (storage mite)

Accession Numbers : Genbank: [AA073483](https://www.ncbi.nlm.nih.gov/nuclot/AA073483)
 UniProt: [Q1M2P1](https://www.uniprot.org/uniprot/Q1M2P1)

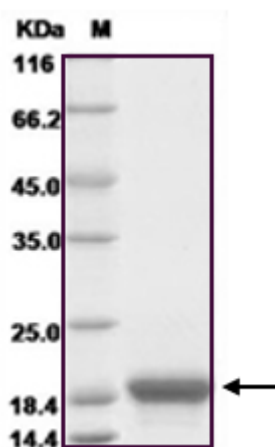
Host : *HEK293 Cells*

Formulation : Protein stored in 1x PBS

Molecular Weight : Calculated: 15.0 kDa
 Observed: ~18.0 kDa

Purity : The purity was determined to be ≥ 90% by densitometry

Gel Image



References

1. Silva E, et al. Allergens of *Blomia tropicalis*: An Overview of Recombinant Molecules. *Int Arch Allergy Immunol.* 2017;172(4):203-214.
2. Reginald K, et al. Blo t 2: Group 2 allergen from the dust mite *Blomia tropicalis*. *Sci Rep* 9, 12239 (2019).

Version: 1.0