

SPECIFICATION SHEET

Product Name: Blo t 21
Catalog # BT21-A25H1

Product Description: Recombinant *Blomia tropicalis* allergen Blo t 21 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 : *Blomia tropicalis* group 21 allergen, group 5-like allergen, group 5 paralogue

Source : *Blomia tropicalis* (storage mite)

Accession Numbers : Genbank: [AAX34047](https://www.ncbi.nlm.nih.gov/nuclot/AAX34047)

UniProt: [A7I2E9](https://www.uniprot.org/uniprot/A7I2E9)

Host : *E. coli*

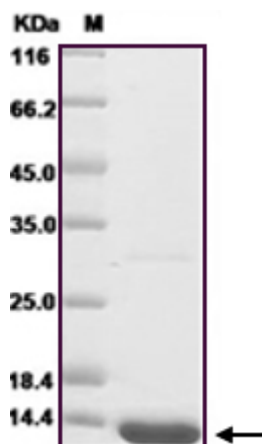
Formulation : Protein stored in 1x PBS

Molecular Weight : Calculated: 14.2 kDa

Observed: ~14.0 kDa

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

Gel Image



References

1. Gao YF, et al. Identification and characterization of a novel allergen from *Blomia tropicalis*: Blo t 21. *J Allergy Clin Immunol*. 2007 Jul;120(1):105-12.
2. Tan KW, et al. NMR structure and IgE epitopes of Blo t 21, a major dust mite allergen from *Blomia tropicalis*. *J Biol Chem*. 2012 Oct 5;287(41):34776-85.

Version: 1.0