

SPECIFICATION SHEET

Product Name: Blo t 1
Catalog #BT01-A25H

Product Description: Recombinant *Blomia tropicalis* allergen Blo t 1 was expressed in *P.pastoris* 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* allergen 1, cysteine protease, Bla g 1-like allergen

Source : *Blomia tropicalis* (storage mite)

Accession Numbers : Genbank: [AA024541](https://www.ncbi.nlm.nih.gov/nuclot/AA024541)
 UniProt: [A1KXI0](https://www.uniprot.org/uniprot/A1KXI0)

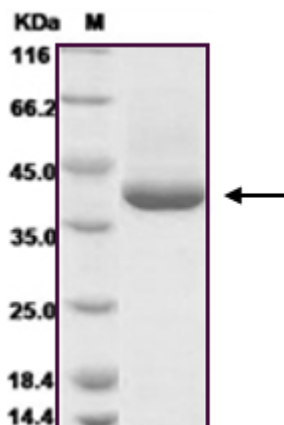
Host : *P.pastoris*

Formulation : Protein stored in 1x PBS

Molecular Weight : Calculated: 37.7 kDa
 Observed: ~38.0 kDa

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

Gel Image



References

1. Mora C, et al. Cloning and expression of Blo t 1, a novel allergen from the dust mite *Blomia tropicalis*, homologous to cysteine proteases. Clin Exp Allergy. 2003 Jan;33(1):28-34.
2. Silva E, et al. Allergens of *Blomia tropicalis*: An Overview of Recombinant Molecules. Int Arch Allergy Immunol. 2017;172(4):203-214.

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