

SPECIFICATION SHEET

Product Name: Blo t 5
Catalog # BT05-A25H

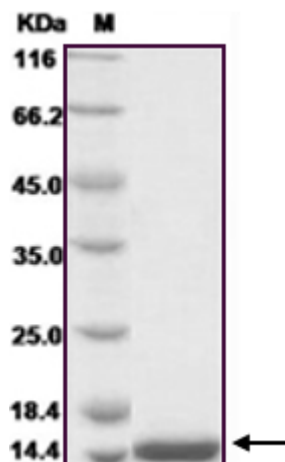
Product Description: Recombinant *Blomia tropicalis* allergen Blo t 5 was expressed in *P.pastoris* and purified by affinity chromatography using a His tag.

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

Data for a Sample Lot:

Alternative Names : Mite allergen Blo t 5
Source : *Blomia tropicalis* (storage mite)
Accession Numbers : Genbank: [AAD10850](#)
 UniProt: [O96870](#)
Host : *P.pastoris*
Formulation : Protein stored in 1x PBS
Molecular Weight : Calculated: 15.3 kDa
 Observed: ~14.5 kDa
Purity : The purity was determined to be ≥ 90% by densitometry

Gel Image



References

1. Arruda LK, et al, Chapman MD. Sensitization to *Blomia tropicalis* in patients with asthma and identification of allergen Blo t 5. *Am J Respir Crit Care Med*. 1997 Jan;155(1):343-50.
2. Kuo IC, et al. An extensive study of human IgE cross-reactivity of Blo t 5 and Der p 5. *J Allergy Clin Immunol*. 2003 Mar;111(3):603-9.

Version: 1.0