

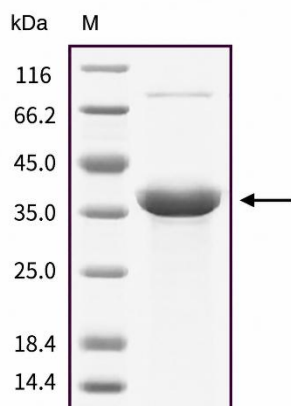
SPECIFICATION SHEET

Product Name: Bla g 7
Catalog #BG07-A25H

Product Description: Recombinant *Blattella germanica* allergen Bla g 7 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	: German cockroach Tropomyosin
Source	: <i>Blattella germanica</i> (german cockroach)
Accession Numbers	: Genbank: AAF72534 UniProt: Q9NG56
Host	: <i>E. coli</i>
Formulation	: Protein stored in 20 mM Tris, 300 mM NaCl, 200 mM Arg, pH 7.4
Molecular Weight	: Calculated: 33.8 kDa Observed: ~35.0 kDa
Purity	: The purity was determined to be ≥ 90% by densitometry
Gel Image	



References

1. Jeong KY et al. Allergenicity of recombinant Bla g 7, German cockroach tropomyosin. *Allergy*. 2003;58(10):1059-1063.
2. Jeong KY, et al. Analysis of amino acid sequence variations and immunoglobulin E-binding epitopes of German cockroach tropomyosin. *Clin Diagn Lab Immunol*. 2004 Sep;11(5):874-8.

Version: 1.0