

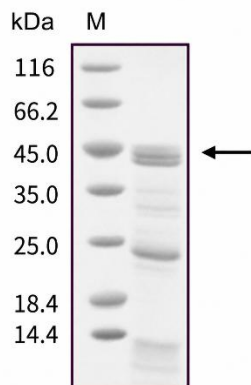
SPECIFICATION SHEET

Product Name: Bla g 1
Catalog # BG01-A25H

Product Description: Recombinant *Blattella germanica* allergen Bla g 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 : Major allergen Bla g 1.0101, nitrile specifier, microvilli-like protein
Source : *Blattella germanica* (german cockroach)
Accession Numbers : Genbank: [AAD13530](#)
 UniProt: [Q9UAM5](#)
Host : *P. pastoris*
Formulation : Protein stored in 20 mM Tris, 300 mM NaCl, 1 mM PMSF, pH 7.4
Molecular Weight : Calculated: 47.6 kDa
 Observed: ~45.0 kDa
Purity : The purity was determined to be ≥ 90% by densitometry
Gel Image



References

1. Pomés A. et al. Novel allergen structures with tandem amino acid repeats derived from German and American cockroach. J Biol Chem. 1998 Nov 13;273(46):30801-7.
2. Pomés A, et al. IgE reactivity of tandem repeats derived from cockroach allergen, Bla g 1. Eur J Biochem. 2002 Jun;269(12):3086-92.