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SPECIFICATION SHEET

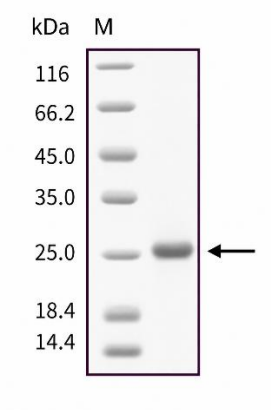
Product Name: Bla g 4 — Catalog # BG04-A25H1

Product Description: Recombinant *Blattella germanica* allergen Bla g 4 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 : Allergen Bla g IV, calycin, lipocalin
Source : *Blattella germanica (german cockroach)*
Accession Numbers : Genbank: AAA87851
UniProt: P54962
Host : *P. Pastoris*
Formulation : Protein stored in 20 mM Tris, 140 mM NaCl, pH 8.0
Molecular Weight : Calculated: 21.0 kDa
Observed: ~25.0 kDa
Purity : The purity was determined to be ≥ 90% by densitometry

Gel Image



References

1. Vailes LD, et al. High-level expression of cockroach allergen, Bla g 4, in Pichia pastoris. J Allergy Clin Immunol. 1998 Feb;101(2 Pt 1):274-80.
2. Arruda LK, et al. Cloning of cockroach allergen, Bla g 4, identifies ligand binding proteins (or calycins) as a cause of IgE antibody responses. J Biol Chem. 1995 Dec 29;270(52):31196-201.

Version: 1.0