

SPECIFICATION SHEET

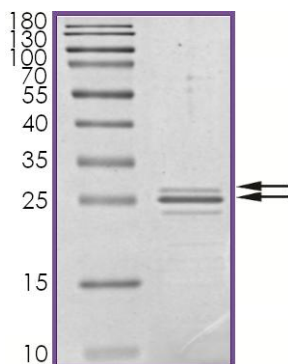
Product Name: Bla g 5
Catalog # BG05-A951H

Product Description: Recombinant *Blattella germanica* allergen Bla g 5 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.

Data for a Sample Lot:

Alternate Names	: Glutathione S-transferase, GST class-sigma, Major allergen Bla g 5
Source	: <i>Blattella germanica</i> (German cockroach)
Accession Numbers	: Genbank: U92412.1 UniProt: Q18598
Host	: <i>E. coli</i>
Formulation	: Recombinant protein stored in 1x PBS, 5% trehalose solution
Molecular weight	: Calculated: 24.7 kDa Observed: ~25 kDa
Purity	: The purity was determined to be >80% by densitometry
Gel Image	



References

1. Arruda LK, et al: Induction of IgE antibody responses by glutathione S-transferase from the German cockroach (*Blattella germanica*). J Biol Chem. Aug 15;272(33):20907-12, 1997.