

Recombinant Bla g 1

Product Code: RP-BG1-1

Allergen: rBla g 1 (*Blattella germanica* allergen 1)

Lot No: **XXXXX**

Source: *Pichia pastoris*

Mol. Wt: Multiple molecular forms. Purity on silver-stained SDS-PAGE >95 %.

Purification: Purified from *Pichia pastoris* culture by affinity chromatography.

Concentration: See product insert.

Formulation: Preservative-free and carrier-free in phosphate buffered saline, pH 7.4. Filtered through 0.22µm filter.

Storage: Store at -20°C

Notes: (1) rBla g 1 is produced in *P. pastoris*. As a result of proteolytic cleavage of tandem amino acid repeats, the product contains multiple molecular forms of rBla g 1.
(2) Avoid repeated Freeze/Thaw cycles.



rBla g 1

**Allergens are provided for research and commercial use in vitro:
Not for human in vivo or therapeutic use.**

REFERENCES:

1. Pomés A, Melén E, Vailes LD, Reteif JD, Arruda LK, Chapman MD. Novel allergen structures with tandem amino acid repeats derived from German and American cockroach. *J Biol Chem* 1998;273:30801-7.
2. Pomés A, Smith AM, Grégoire C, Vailes LD, Arruda LK, Chapman MD. Functional properties of cloned allergens from dust mite, cockroach, and cat- are they relevant to allergenicity? *ACI Int.* 2001;13:162-169.
3. Pomés A, Vailes LD, Helm RM, Chapman MD. Ige reactivity of tandem repeats derived from cockroach allergen, Bla g 1. *Eur J Biochem* 2002;269:3086-92.