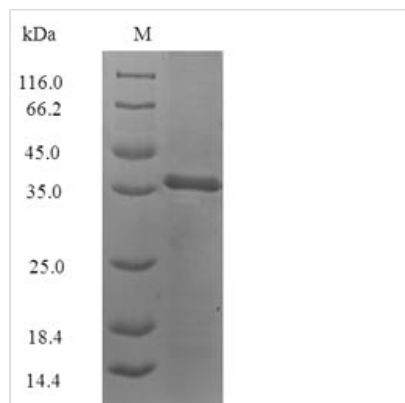




# Recombinant Blattella germanica Allergen Bla g 4

<b>Product Code</b>	CSB-EP346597BTL
<b>Relevance</b>	Probable ligand-binding protein.
<b>Abbreviation</b>	Recombinant Blattella germanica Allergen Bla g 4 protein
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	P54962
<b>Alias</b>	Allergen Bla g IV Allergen: Bla g 4
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Blattella germanica (German cockroach) (Blatta germanica)
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Sequence</b>	NEDCFRHESLVPNLDYERFRGSWIIAAGTSEALTQYKCWIDRFSYDDALVSKY TDSQGKNRTTIRGR TKFEGNKFTIDYNDKGKAFSAPYSVLATDYENYAIVEGCP AAANGHVIVQIRFSVRRFHPKLGDKEMIQHYTLDQVNQHKKAIEEDLKHFNLK YEDLHSTCH
<b>Research Area</b>	Others
<b>Source</b>	E.coli
<b>Expression Region</b>	13-182aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 6xHis-SUMO-tagged
<b>Mol. Weight</b>	35.8kDa
<b>Protein Length</b>	Full Length of Mature Protein

## Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Based on the SEQUEST from database of *E. coli* host and target protein, the LC-MS/MS Analysis result of CSB-EP346597BTL could indicate that this peptide derived from *E. coli*-expressed *Blattella germanica* (German cockroach) (*Blattella germanica*) rBla g 4.

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Advance your allergen research with our recombinant *Blattella germanica* Allergen Bla g 4, a critical allergen originating from the German cockroach (*Blatta germanica*). This full-length mature protein, expressed in the 13-182aa region, is produced in E.coli to ensure accurate representation and effective expression. The N-terminal 6xHis-SUMO tag facilitates easy purification without compromising protein integrity. Boasting a purity of over 90% as confirmed by SDS-PAGE, this lyophilized powder format Allergen Bla g 4 is ideal for various research applications, making it a valuable addition to your allergy-focused investigations.

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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