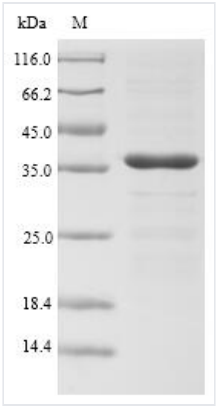
Allergen Bla G 4 (rBlag4) Recombinant Protein

PRODUCT OVERVIEW

Product Name	Allergen Bla g 4 (rBlag4), Recombinant Protein
Full Product Name	Recombinant Blattella germanica (German cockroach) (Blatta germanica) Allergen Bla g 4
Product Gene Name	rBlag4 recombinant protein
Product Synonym Names	Allergen Bla g IV; Allergen: Bla g 4
Sequence	NEDCFRHESL VPNLDYERFR GSWIIAAGTS EALTQYKCWI DRFSYDDALV SKYTDSQGKN RTTIRGRTKF EGNKFTIDYN DKGKAFSAPY SVLATDYENY AIVEGCPAAA NGHVIYVQIR FSVRRFHPKL GDKEMIQHYT LDQVNQHKKA IEEDLKHFNL KYEDLHSTCH
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.
Molecular Weight	21.8 kDa
Sequence Positions	13-182. Full Length of Mature Protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for P54962
Species	Blattella germanica (German cockroach) (Blatta germanica)
Production Note	**Special Offer:** The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Colihost-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our **technical support team** **or email to** **support@mybiosource.com** for more details.
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rBlag4 recombinant protein	MBS1228047 is a recombinant protein targeting rBlag4. Also known as Recombinant Blattella germanica (German cockroach) (Blatta germanica) Allergen Bla g 4. Host: E Coli or Yeast or Baculovirus or Mammalian Cell. Probable ligand-binding protein.
Product References and Citations for rBlag4 recombinant protein	"Cloning of cockroach allergen, Bla g 4, identifies ligand binding proteins (or calycins) as a cause of IgE antibody responses." Arruda L.K., Vailes L.D., Hayden M.L., Benjamin D.C., Chapman M.D. J. Biol. Chem. 270:31196-31201(1995)
Other Notes	Small volumes of rBlag4 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



SDS-Page of rBlag4 recombinant protein

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for rBlag4. It may not necessarily be applicable to this product.

NCBI GI #	1705483
NCBI Accession #	P54962.1
UniProt Primary Accession #	P54962
NCBI Official Full Name	Allergen Bla g 4
UniProt Protein Name	Allergen Bla g 4
UniProt Synonym Protein Names	Allergen Bla g IV; Allergen: Bla g 4
Protein Family	Allergen
UniProt Entry Name	BLG4_BLAGE
UniProt Comments for rBlag4	Probable ligand-binding protein.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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Online datasheet: https://www.mybiosource.com/rblag4-recombinant-protein/allergen-bla-g-4/1228047