



# Recombinant *Blattella germanica* Bla g 4 (DAG-WT277)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Purity</b>	> 90%
<b>Conjugate</b>	TBD
<b>Applications</b>	Immunoassays
<b>Molecular Weight</b>	22.3 kDa
<b>Format</b>	Liquid
<b>Concentration</b>	Batch dependent - please inquire should you have specific requirements
<b>Size</b>	1 mg
<b>Buffer</b>	10mM HEPES, 10%Glycerol, pH8.0
<b>Preservative</b>	None
<b>Storage</b>	Store at -80°C. Avoid freeze / thaw cycle

## BACKGROUND

<b>Introduction</b>	Bla g 4 is a male cockroach specific protein and is one of the major allergens produced by <i>Blattella germanica</i> (German cockroach). This protein belongs to the lipocalin family that comprises a set of proteins that characteristically bind small hydrophobic molecules and play a role in a number of processes such as: retinoid and pheromone transport, prostaglandin synthesis and mammalian immune response.
<b>Keywords</b>	<i>Blattella germanica</i> allergen 4; Bla g 4; Bla g 4.0101