

Catalog Number: 230-00278

## Recombinant Gly d 2 allergen protein

### Source

<b>Species</b>	Glycyphagus domesticus (House itch mite)
<b>Accession Number</b>	Q9NFQ4
<b>Expressed Region</b>	Gly1-Gln125
<b>Synonyms</b>	Allergen=Gly d 2.02, Mite group 2 allergen Gly d 2.02

### Preparation

<b>Expression System</b>	E.Coli
<b>Tag</b>	N-terminal 6x histidine tag
<b>Purification</b>	His-tag affinity purification by immobilized metal ion affinity chromatography (IMAC)
<b>Purity</b>	> 95%
<b>Purity Determined By</b>	SDS-PAGE under reducing conditions and visualized by Coomassie blue staining
<b>Molecular Weight</b>	14.5

### Protein Specifications

<b>Format</b>	Lyophilized powder
<b>Formulation</b>	Lyophilized from a 0.2 um filtered solution in 40 mM Tris-HCl (pH 8.0), 50 mM NaCl.
<b>Preservative</b>	None
<b>Endotoxin Level</b>	Not determined
<b>Recommended Applications</b>	ELISA, EIA, Western Blotting, Dot Blotting, Immunoprecipitation, Protein Array
<b>Reconstitution</b>	Briefly spin the vial and bring the contents to the bottom prior to opening. It is recommended to reconstitute at 0.5 - 1.0 mg/mL with sterile deionized water or 1x PBS.

### Shipping

Ice packs

### Storage/Stability

Upon arrival, the lyophilized protein may be stored for 2 weeks at 4°C. For long term storage, it is recommended to store desiccated below -20°C in a manual defrost freezer. Following reconstitution, the protein may be stored for 2 weeks under sterile conditions at -20°C. For long term storage, it is recommended to make appropriate aliquots and store at -80°C. Avoid repeated freeze-thaw cycles.

This product is furnished for LABORATORY RESEARCH USE ONLY.

Not for diagnostic or therapeutic use.