

## Recombinant Gly d 2

**Product Code: RP-GD2-1**

Allergen: rGly d 2.0101  
(*Glycyphagus domesticus* allergen 2)

Lot No: **XXXX**

Source: *P. pastoris*

Mol. Wt: 14kD

Purification: Purified by nickel IMAC chromatography. Purity on silver-stained SDS-PAGE >95%. (See Panel)

Concentration: See Product Insert

Formulation: Preservative-free and carrier-free in phosphate buffered saline, pH 7.4. Sterile filtered.

Storage: Store at -20°C. Avoid repeated freeze-thaw cycles.

Notes: (1) rGly d 2 has a C-terminal 6xHis-tag. (2) rGly d 2 is suitable for T-cell or other in vitro studies, but does **not** react in the Group 2 mite ELISA. (3) Not tested for endotoxin.



rGly d 2

**An InBio™ Product**

**For Research Use Only: Not for Diagnostic or Therapeutic Use**

### REFERENCES:

1. Gafvelin G et al. Cross-reactivity studies of a new group 2 allergen from the dust mite *Glycyphagus domesticus*, Gly d 2, and group 2 allergens from *Dermatophagoides pteronyssinus*, *Lepidoglyphus destructor*, and *Tyrophagus putrescentiae* with recombinant allergens. J Allergy Clin Immunol 2001;107:511-8.
2. Smith AM et al. The molecular basis of antigenic cross-reactivity between the group 2 mite allergens. J Allergy Clin Immunol 2001;107:977-84.
3. Arias-Irigoyen J et al. Limited IgE cross-reactivity between *Dermatophagoides pteronyssinus* and *Glycyphagus domesticus* in patients naturally exposed to both mite species. J Allergy Clin Immunol 2007;98-104.
4. Sánchez-Borges M et al. Mite hypersensitivity in patients with rhinitis and rhinosinusitis living in a tropical environment. Allergol Immunopathol (Madr) 2014;;42(2):120-6.