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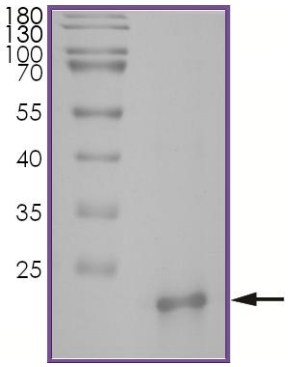
SPECIFICATION SHEET

Product Name: Gly m 3 — Catalog # GM03-A921H

Product Description: Recombinant *Glycine max* allergen Gly m 3 was expressed in Tobacco and purified by affinity chromatography using a His tag.

Storage and Stability: Store at –20°C. To avoid repeated handling and multiple freeze/thaw cycles aliquot product into smaller quantities.

Data for a Sample Lot:

Alternate Names	: Profilin-1, GmPRO1, Gly m 3.0101
Source	: *Glycine max* (Soybean)
Accession Numbers	: Genbank: AJ223982.1 UniProt: O65809
Host	: Tobacco
Formulation	: Recombinant protein stored in 10 mM sodium phosphate, pH 7.2, 150mM NaCl, 25mM KCl, 3% trehalose, 3% mannitol solution.
Molecular weight	: Calculated: ~17.3 kDa Observed ~20 kDa
Concentration	: 4.91 µg/µl
Purity	: The purity was determined to be >90% by densitometry
Gel Image	

References

1. Rihs HP, et. al. IgE binding of the recombinant allergen soybean profilin (rGly m 3) is mediated by conformational epitopes. J Allergy Clin Immunol. 1999 Dec;104(6):1293-301. doi: 10.1016/s0091-6749(99)70027-8. PMID: 10589015.