190-13160 Vanier Pl, Richmond,
B. C., Canada, V6V 2J2
+ 1 778 326 0223
info@signalchemdx.com
www.signalchemdx.com

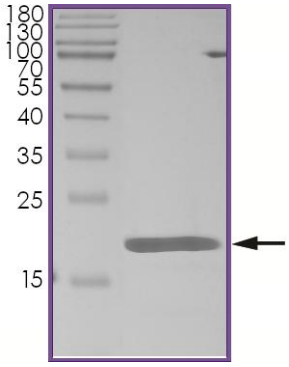
SPECIFICATION SHEET

Product Name: Gly m 4 — Catalog # GM04-A921H

Product Description: Recombinant *Glycine max* allergen Gly m 4 was expressed in *E. coli* 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	: Stress-induced protein SAM22, Pathogenesis-related protein 10, Starvation-associated message 22
Source	: *Glycine max* (Soybean)
Accession Numbers	: Genbank: X60043.1 UniProt: P26987
Host	: *E. coli*
Formulation	: Protein stored in 1x PBS solution
Molecular weight	: Calculated: 18.1 kDa Observed: ~18 kDa
Concentration	: 1.48 µg/µl
Purity	: The purity was determined to be >90% by densitometry
Gel Image	

References

1. Crowell DN, John ME, Russell D, Amasino RM. Characterization of a stress-induced, developmentally regulated gene family from soybean. Plant Mol Biol. 1992 Feb;18(3):459-66. doi: 10.1007/BF00040662. PMID: 1371403.
2. Kleine-Tebbe J, Vogel L, Crowell DN, Haustein UF, Vieths S. Severe oral allergy syndrome and anaphylactic reactions caused by a Bet v 1- related PR-10 protein in soybean, SAM22. J Allergy Clin Immunol. 2002 Nov;110(5):797-804. doi: 10.1067/mai.2002.128946. PMID: 12417891.