

SPECIFICATION SHEET

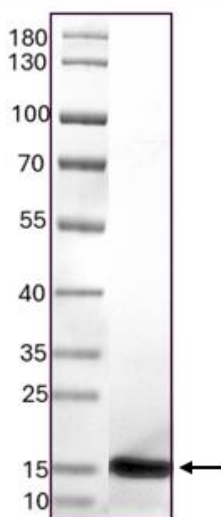
Product Name: Sola I 1

Catalog # SL01-A32H

Product Description: Recombinant *Solanum lycopersicum* allergen Sola I 1 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.

Alternative Names	: Tomato Profilin
Source	: <i>Solanum lycopersicum</i> (tomato) (<i>Lycopersicon esculentum</i>)
Accession Numbers	: Genbank: AJ417553 UniProt: Q93YG7
Host	: <i>E. coli</i>
Formulation	: Protein stored in 1x PBS
Molecular Weight	: Calculated: 15.4 kDa Observed: ~15 kDa
Purity	: The purity was determined to be ≥ 90% by densitometry
Gel Image	



References

1. Westphal S, et al. Tomato profilin Lyc e 1: IgE cross-reactivity and allergenic potency. *Allergy*. 2004;59(5):526-532.
2. Le LQ, et al. Reduced allergenicity of tomato fruits harvested from Lyc e 1-silenced transgenic tomato plants. *Journal of Allergy and Clinical Immunology*, 2006. 118(5):1176-1183.