

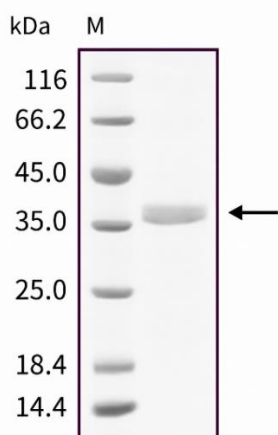
SPECIFICATION SHEET

Product Name: Ses i 1
Catalog # SI01-A22H

Product Description: Recombinant *Sesamum indicum* allergen Ses 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 : Sesame 2S albumin, 2S albumin storage protein
Source : *Sesamum indicum* (sesame)
Accession Numbers : Genbank: [AF240005](https://www.ncbi.nlm.nih.gov/nuclot/AF240005)
 UniProt: [Q9AUD1](https://www.uniprot.org/uniprot/Q9AUD1)
Host : *E. coli*
Formulation : Protein stored in 20 mM Tris, 500 mM NaCl, 30% Glycerol
Molecular Weight : Calculated: 29.2 kDa
 Observed: ~36 kDa
Purity : The purity was determined to be ≥ 90% by densitometry

Gel Image

References

1. Wolff N. et al. Allergy to sesame in humans is associated primarily with IgE antibody to a 14 kDa 2S albumin precursor. Food and Chemical Toxicology 41 (2003) 1165-1174.
2. Maruyama. N., et al. Measurement of specific IgE antibodies to Ses i 1 improves the diagnosis of sesame allergy. Clinical & Experimental Allergy, 46, 163-171.

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