

Recombinant Ses i 1

Product Code: RP-SI1-1

Allergen: rSes i 1.0101 (*Sesamum indicum* allergen 1.0101)

Lot No: **XXXXX**

Source: *Pichia pastoris*

Mol. Wt: 16.4 kD

Purification: Purified from *Pichia pastoris* culture by multi-step column chromatography. Purity > 95 % by silver stained SDS-PAGE.

Concentration: See Product Insert

Formulation: Preservative and carrier-free in 1X PBS, pH 7.4. Filtered through 0.22µm filter.

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

Notes: (1) rSes i 1 has a C-terminal 6xHis-tag.



rSes i 1

An InBio[®] Product

For Research Use Only: Not for Diagnostic or Therapeutic Use

REFERENCES:

1. Sorgan S et al. Molecular Cloning of 11S Globulin and 2S Albumin, the Two Major Seed Storage Proteins in Sesame. *J Agric Food Chem.* 1999;49:32-4938.
2. Pastorello EA et al. The Major Allergen of Sesame Seeds (*Sesamum indicum*) is a 2S Albumin. *Journal of Chromatography B.* 2001;756:85-93.
3. 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.* 2003;41:1165-1174.
4. Moreno JF et al. Thermostability and In Vitro Digestibility of a Purified Major Allergen 2S Albumin (Ses i 1) from White Sesame Seeds (*Sesamum indicum* L). *Biochimica et Biophysica Acta.* 2005;1752:142-153.