

## Recombinant Sin a 1.0101

**Product Code: RP-SA1-1**

Allergen: rSin a 1 (*Sinapis alba* allergen 1.0101)

Lot No: **XXXXX**

Source: *Pichia pastoris*

Mol. Wt: 17 kD

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

Concentration: See Product Insert

Formulation: Preservative and carrier-free in 1X PBS, 0.3M NaCl, pH 7.4. Filtered through 0.22µm filter.

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

Notes: (1) rSin a 1 has a C-terminal 6xHis-tag



rSin a 1

**An InBio<sup>®</sup> Product**

**For Research Use Only: Not for Diagnostic or Therapeutic Use**

**REFERENCES:**

1. Menéndez-Arias L, Moneo I, Domínguez J, Rodríguez R. Primary Structure of the Major Allergen of Yellow Mustard (*Sinapis alba* L.) Seed, Sin a 1. Eur. J. Biochem. 1988;177:159-166.
2. González De La Peña MA, Monsalve RI, Batanero E, Villalba M, Rodríguez R. Expression in *Escherichia coli* of Sin a 1, the Major Allergen from Mustard. Eur. J. Biochem. 1996;237:827-832.
3. Palomares O, Cuesta-Herranz J, Rodríguez R, Villalba M. A Recombinant Precursor of the Mustard Allergen Sin a 1 Retains the Biochemical and Immunological Features of the Heterodimeric Native Protein. Int Arch Allergy Immunol 2005;137:18-26