

CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #: R01758A **Lot #:** 1E14522

Description: Timothy Grass Phl p 12 Recomb.
Timothy Grass Allergen Phl p 12 Recombinant

Phl p 12 is a profilin allergen responsible for cross-reactivity in about 20% of pollen and food allergic patients (1994, Biochem Biophys Res Commun. 199:106-18).

Product contains a HIS-tag.
Molecular Weight is ~20 kDa calculated from the amino acid sequence.

Source: *E. coli*

Format: Purified, Liquid

Purification: > 98% pure (SDS-PAGE).

Concentration: 1.04 mg/mL (OD280nm, E^{0.1%} = 0.902)

Buffer: 20 mM Phosphate buffer, pH 8, 1 M Sodium Chloride.

Preservative: None

Applications: Suitable for use in ELISA. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Storage: Store at -20°C to -80°C. Aliquot and store at -80°C to avoid multiple freeze/thaw cycles.

Inactivation: Not Applicable

Safety Note(s): Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Quality Signature:



26 May 2022

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY