

## Certificate of Analysis

**Product Name:** Proteinase K

**Cat. No.:** K1037

**Batch No.:** 1

### Physical and Chemical Properties

**Batch Molecular Weight:** 29.3 kDa

**Enzyme Activity:**  $\geq$  30 units/mg of protein

**Specific Activity:**  $\geq$  40 units/mg of protein

**CAS No.:** 39450-01-6

### Analytical Data

**Concentration:** > 600 U/mL (approximately 20 mg/mL)

**Solubility:** Soluble in 20 mM Tris-HCl, 1 mM CaCl<sub>2</sub>, 50% Glycerol, pH 7.4

**Stability:** pH range: 4.0 to 12.5, temperature range: 25°C to 65°C.

### Caution

**FOR RESEARCH PURPOSES ONLY. NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.**

**APExBIO Technology**

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