

# Tritirachium album PROK Recombinant Protein



RPPB2187

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## Product Information   Protein Information

**Product SKU:**

RPPB2187

**Accession:**

P06873

**Host:**

Yeast

**Protein description:**

Recombinant Tritirachium album Proteinase-K expressed in yeast containing 285 amino acids having a Mw of 29.3 kDa is purified by standard chromatography techniques.

**Appearance:**

Sterile Filtered lyophilized powder.

**Synonyms:**

Proteinase K (EC:3.4.21.64), Endopeptidase K, Tritirachium alkaline proteinase, PROK.

**Formulation:**

The Proteinase-K was lyophilized without any additives.

**Purity:**

Greater than 95% as determined by SDS-PAGE.

**Solubility:**

It is recommended to reconstitute the lyophilized Proteinase-K in 20mM Tris-HCl (pH 7.4~8.0), 1mM CaCl<sub>2</sub>, 50% glycerol not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

**Stability:**

Recombinant Proteinase-K although stable at room temperature, should be stored between 2-8°C. Do not freeze!

**Biological Activity:**

36 Units/mg. One unit is defined as the amount of enzyme that will hydrolyze urea-denatured hemoglobin to produce color equivalent to 1.0 mol tyrosine per min at 37°C, pH 7.5 (color by Folin-Ciocalteu reagent).