

# Proteinase K Recombinant Protein

## Product Details

Size	1 g
Species	Fungi
Expression system	P. pastoris
Amino acid sequence	Full length Proteinase K protein
Class	Recombinant
Type	Protein
Purity	>95% by SDS-Page
Activity	Measured by its digestion activity. The activity is >30 U/mg. One unit will digest Casein at 37°C (pH 7.5) per minute to produce equal absorbance as 1.0 µmol of L-tyrosine.
Conjugate	Unconjugated
Form	Lyophilized
Purification	purified
Contains	no preservative
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

## Applications

Control (Ctrl)

## Tested Dilution

Assay-dependent

## Publications

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## Product Specific Information

### Animal Origin Free

No DNase contamination detected by digestion of lambda DNA at 37°C for 6 hours. No RNases contamination detected by digestion of lambda DNA at 25°C for 16 hours. Host genomic DNA/RNA is no residual detected by PCR.

Storage: Store the lyophilized protein at 4°C for up to 1 year and less than -20°C for long term. Lyophilized powder is recommended to dissolve in in 20mM Tris-Hcl, 30mM NaCl, 50% Glycerol, 5mM CaCl<sub>2</sub>, pH 7.2-7.4. After reconstitution, the protein solution is stable at -20°C for 1 year, at 2-8°C for up to 6 months.

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