



Specification

Proteinase K, recombinant

A7932

Solubility:	clear, colorless (20 mg/ml)
Product Code:	A7932
Product Name:	Proteinase K, recombinant
Short Description:	delivery form: lyophilized
Specifications:	DNases/RNases: not detectable Activity/mg: min. 30 mAnsonU Appearance: white lyophilizate Bioburden: ≤ 125 cfu/g DNA (threshold): ≤ 10 pg/mg enzyme
Hazard pictograms	 
WGK:	1
Storage:	2-8°C
Signal Word:	Danger
GHS Symbols:	GHS07 GHS08
H Phrases:	H315 H319 H334 H335
P Phrases:	P280 P302+P352 P304+P340 P305+P351+P338

AppliChem GmbH

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Specification

Proteinase K, recombinant

A7932

	P342+P311
Origin:	from <i>Pichia pastoris</i>
M:	28.8 kD
CAS:	39450-01-6
EINECS:	254-457-8
CS:	35079090
Index Nr.:	647-014-00-9
Comment Recombinant Proteinase K is used e.g. during nucleic acid isolation to inactivate DNases and RNases. It can be used for digestion of cells (bacteria too) and tissue. During production of this enzyme, almost all nucleic acids are removed. Therefore, this enzyme is suited for applications in sensitive PCR reactions, where exogenous nucleic acids may interfere. Unit definition (hemoglobin): One unit is defined as the enzyme activity which releases folin positive amino acids and peptides equivalent to 1 µmol of tyrosine in 1 minute under the test conditions.	

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