



B I O G E N E T S

Specification

Proteinase K Recombinant, PCR Grade

Catalog Number: BG-PK1008
Source: Sequence of *Tritirachium. album*, purified from recombinant source
CAS Number: 39450-01-6
E.C. Number: 3.4.21.14
Molecular Weight: 29.3kDa
Storage: -20°C
Retest Period: A minimum of three years stored at -20°C
Grade: Molecular Biology

Test	Specification
Appearance	White loose powder
Activity	≥ 30.0U/mg powder
Specific Activity	≥ 40.0U/mg protein
pH	5.0 – 7.0
Protein Content	≥ 90%
DNase	Not detected
RNase	Not detected
Application: Stock solution can be prepared as a 20-40mg/mL solution in 50mM Tris-HCl (pH 7.5), 3mM CaCl ₂ , 50% Glycerol.	

Approved:

Date: June 7, 2022

John Grubb, PhD
Quality Manager