



Specification

Proteinase K Recombinant Liquid

Catalog Number: PK1006
CAS Number: 39450-01-6
Synonym(s): Peptidase K, Endoproteinase K, Endopeptidase K
EC Number: 3.4.21.64
Source: Sequence of Proteinase K from *Tritirachium album* expressed in *Pichia pastoris*.
Molecular Weight: 29.3 kDa
Formulation: 10mM Tris-HCl (pH 7.5), 5mM CaCl₂, 50% glycerin
Storage: -20°C, Avoid freeze-thaw cycles
Retest Period: Two years from the date of manufacture

Test	Specification
Appearance	Slightly yellow transparent liquid.
Specific Activity	≥ 30.0 U/mg powder
Concentration	20mg/mL
Purity (SDS-PAGE)	≥ 95%
DNase	Not detected
RNase	Not detected
DNA	Not detected
RNA	Not detected
The recombinant proteinase K has been sterilized and filtered through a 0.22 µm filter, which can maintain its activity for a long time at room temperature and low temperature. It is recommended to store at -20°C for long-term storage.	

Approved:

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