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Produktinformation



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Recombinant Proteinase K

Cat. No.:	HY-P3150
Target:	Ser/Thr Protease
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

Recombinant Proteinase K

BIOLOGICAL ACTIVITY

Description	Recombinant Proteinase K is a serine protease that cleaves the carboxy-terminated peptide bonds of aliphatic and aromatic amino acids. Recombinant Proteinase K can be used to digest proteins and remove contamination from nucleic acid preparations ^[1] .
In Vitro	Proteinase K digestion ^[1] 1. Cells are resuspended in lysis buffer and finally lysed on ice for 15 minutes. 2. The crude lysates are obtained by centrifugation at 4°C for 15 minutes. Proteinase K is added to a 20 µl aliquot to get the final concentrations of 2, 4 and 8 µg/ml. Reactions are carried out at 37°C for 30 minutes. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Sabine Gauczynski, et al. Recombinant human prion protein mutants huPrP D178N/M129 (FFI) and huPrP+90R (fCJD) reveal proteinase K resistance. J Cell Sci. 2002 Nov 1;115(Pt 21):4025-36.

Caution: Product has not been fully validated for medical applications. For research use only.

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