



**Creative Enzymes**

*Diagnostic Enzymes*

## Recombinant Protease K (Liquid)

### Product Information

<b>Cat#</b>	MDE-001
<b>Specification</b>	500 mL, 1 L, 10 L
<b>Description</b>	Proteinase K, derived from Tritirachium album, non-specifically cleaves peptide bonds adjacent to aliphatic and aromatic amino acids. It exhibits strong proteolytic activity in DNA/RNA extraction buffers and is essential for plasmid and genomic nucleic acid isolation.
<b>Applications</b>	Used for sample pretreatment in nucleic acid detection kits to rapidly remove protein interference.
<b>Form</b>	Liquid, dissolved in Tris-HCl, pH 7.5-8.0, 10% glycerol, 0.02-0.2% NaN <sub>3</sub>
<b>Species</b>	Tritirachium album Limber
<b>Source</b>	Bacillus subtilis
<b>Purity</b>	95% by SDS-PAGE
<b>Storage</b>	Store in aliquots at 2-8 °C to avoid repeated freeze-thaw cycles.

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