

Proteinase K Solution

For removing nucleases from DNA/RNA samples and terminating enzymatic reactions



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Catalog # 79016 4 mL 20 µg/µL

Product Description

Proteinase K is a serine protease that exhibits broad cleavage activity, cutting peptide bonds adjacent to the carboxylic group in aliphatic and aromatic amino acids. Proteinase K is used for a variety of applications, including removal of nucleases from DNA and RNA samples and terminating enzymatic reactions. Proteinase K Solution is in a ready-to-use format that is stable at room temperature and active over a pH range of 4.3 - 12.0 in 0.5% SDS or 1% Triton® X-100. Product is free of nuclease activity.

Properties

Storage:	Store at 15 - 25°C.
Shelf Life:	Stable until expiry date (EXP) on label.
Source Species:	<i>Tritirachium album</i> Limber
Formulation:	10 mM Tris-HCl (pH 7.5), 1 mM calcium chloride, and 50% glycerol.

Please refer to the Safety Data Sheet (SDS) for hazard information.

Directions for Use

Use this product as directed in the protocol of choice. Recommended working concentration is 50 - 100 µg/mL.

Related Products

For related products, including genome editing tools, qPCR arrays, specialized cell culture and storage media, and cultureware, visit www.stemcell.com or contact us at techsupport@stemcell.com.

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