

Proteinase K



Catalog No. 4039 (500 ul)

Description

Proteinase K is a subtilisin-like endolytic protease that is isolated from the saprophytic fungus *Tritirachium album*. It has a high activity that is stable across a wide range of pH and temperature conditions and is suited to short digestion times. The activity of proteinase K is increased at elevated temperatures up to 65°C. Calcium is not essential to the function of proteinase K. Therefore, EDTA and other chelating agents do not interfere with the activity and may be used alongside proteinase K to inactivate calcium-dependent nucleases in DNA and RNA preparation.

Vial Contents:

500ul of 0.5mg/ml Protease suspended in 10 mM Tris-HCl, 1 mM EDTA, pH 7.5.

Shipping/Storage:

The item is shipped at room temperature and should be stored at -20 C.

Product Application and Disclaimer

This product is not licensed or approved for administration to humans or animals. It may be used with experimental animals only. The product is for in vitro research diagnostic studies only. The product is non-infectious and non-hazardous to human health. This information is based on present knowledge and does not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. TopoGEN, Inc. shall not be held liable for product failure due to mishandling and incorrect storage by end user. TopoGEN's liability is limited to credit or product replacement.



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