

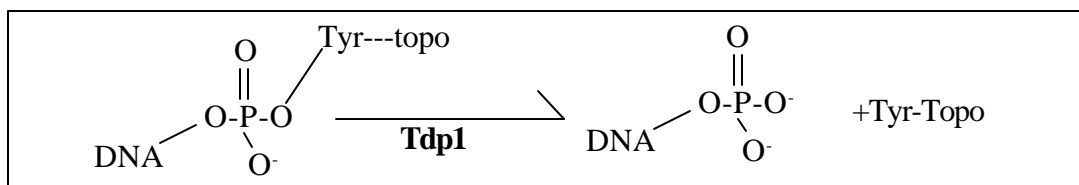
Purified Human Tyrosyl DNA Phosphodiesterase (Tdp1)

- Catalog No. 2004H-1 [250 units]**
- Catalog No. 2004H-2 [500 units]**
- Catalog No. 2004H-C [Customized units]**



Product Description

Contains purified Human Tyrosyl DNA Phosphodiesterase (Tdp1) purified to homogeneity to a single 68 kDa band on SDS-PAGE. Tdp1 is catalytically active and will remove a terminal 3' phosphotyrosyl group from a specifically designed oligo target site (oligo-Tyr).



Storage and Shipping Conditions

The enzyme is shipped on dry ice and should be stored at -20° C. The enzyme has a useable lifetime of about 6 months even when stored under optimal conditions at -20°C. Note that repeated freezing and thawing will accelerate loss. **IMPORTANT NOTE REGARDING ACTIVITY:** The enzyme is provided at a unit/ul concentration that represents a certified minimum. For example, we certify that the product will have X units/ul under conditions of our assay. In some cases, activity may be greater than X units to take into account that freezing/thawing may lead to some loss over time. The enzyme will retain the certified minimum unit concentration (see label) for 6 months after receipt.

Unit Definition

One unit of Tdp1 can release the terminal Tyrosine from 20 ng of substrate (oligo-Tyr) in 30 min at 37°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.



TopoGEN, Inc.

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page 1

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