

Recombinant DNase 1 (RNase-Free)

Catalog #: 0590-PP-001

Description:

Recombinant, RNase-free bovine pancreas DNase I expressed in the *Thermothelomyces heterothallica* system. This high-quality protein is produced using proprietary fungal expression technology and is specifically designed for the preparation of DNA-free samples without introducing unwanted RNase or protease activity.

Formulation & Storage: Supplied as lyophilized powder. Soluble in water or PBS buffer. Store at -20°C up to 1 year, and at -20°C for 1 month after reconstitution.

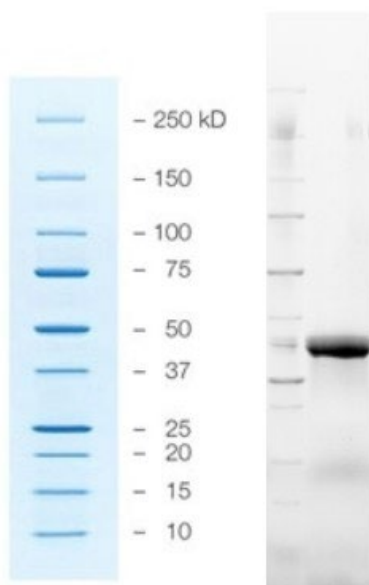
Product Reconstitution Info :

To make 1 U/ μ L solution dissolve 0.1 mg DNase I powder in 1 mL Milli-Q water or preferred buffer.

Applications

SDS-PAGE and Western Blot Data:

SDS-PAGE of recombinant DNase1



DNase activity Data:

Detection Kit: Jena Bioscience GmbH, DNase detection kit, Catalog #: PP-410S

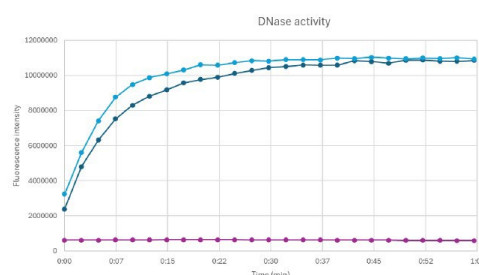
Kinetic Measurement for 45 minutes, at 37°C, with SpectraMax I3X (495 nm / 520 nm)

Used commercially available DNase as a comparison sample (Thermo DNase 100x): Thermo Scientific, DNase I, (1 U/ μ L), Catalog number: EN0521

Dark Blue – Commercial DNase

Light Blue – IBT DNase

Magenta – Negative Control



Certificate of analysis:

A hardcopy of datasheet is sent along with the products. Please refer to it for detailed information. For older lots, refer to the applicable certificate of analysis that may be requested at services@ibtbioservices.com

Related Products:

IBT provides a wide array of anti-filovirus specific antibodies, recombinant proteins, and other infectious disease reagents. Please see our website, www.ibtbioservices.com for more details.

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