Product Datasheet

DNase I (orb1736803)

Catalog Number	orb1736803
Category	Tools
Description	This product uses the company's unique DNase and unique reaction solution, and does not require cumbersome phenol/chloroform extraction and inactivation after digestion. It can be directly used in reverse transcription reaction, which is very fast and easy to use. . The product of DNase I hydrolysis of single- or double-stranded DNA has a phosphate group at the 5' end and a hydroxyl group at the 3' end. DNase I activity is dependent on calcium ions and can be activated by magnesium ions or divalent manganese ions. In the presence of magnesium ions, DNase I can randomly cleave any site of double-stranded DNA; in the presence of divalent manganese ions, DNase I can cleave DNA double-strands at the same site to form blunt ends, or 1-2 Sticky ends of nucleotide overhangs. This product is a recombinant DNase I protein expressed in E. coli, without RNase
Note	For research use only
Expiration Date	12 months from date of receipt.

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