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**Ribonuclease H recombinant**

**Cat.No. : 39719**

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<b>Parameter</b>	<b>Specification</b>
<b>Molecular weight</b>	18 400
<b>Appearance</b>	clear colorless solution
<b>Concentration</b>	5 U/ $\mu$ l
<b>Absence of Nuclease Activity</b>	1 $\mu$ g of $\lambda$ DNA digest incubated with 50 units of RNase H at 37°C for 16 h showed sharp unaltered pattern on 1 % agarose gel.
<b>Absence of Nickase Activity</b>	1 $\mu$ g of supercoiled plasmid DNA incubated with 50 units of RNase H for 16 h at 37°C showed unaltered pattern without nicking on 1 % agarose gel.
<b>Storage (°C)</b>	-15 to -25

#### **Unit definition**

1 Unit is defined as the amount of enzyme that will hydrolyze 1 nmol of the RNA in [<sup>3</sup>H]-labeled poly (rA) · poly (dT), to acid-soluble ribonucleotides in a total reaction volume of 50  $\mu$ l in 20 minutes at 37°C.

**Die Eignung des Produktes für spezielle Anwendungszwecke wird nicht zugesichert.**  
We do not guarantee that the product can be used for a special application.