

## Murine RNase Inhibitor Pro

### Product Information

<b>Cat#</b>	ENZD-RT01
<b>Specification</b>	2000 U; 10000 U; 20000 U
<b>Unit Concentration</b>	40 U/μl
<b>Description</b>	Murine RNase Inhibitor Pro is an upgraded version of Murine RNase Inhibitor. Murine RNase Inhibitor Pro retains the high-temperature tolerance of Murine RNase Inhibitor and improves its protection against RNase A. Compared to human RNase Inhibitor, mouse RNase Inhibitor does not contain the two cysteine residues that are highly sensitive to oxidation found in human proteins, thus exhibiting higher antioxidant activity and making it more suitable for experiments with high DTT sensitivity (such as qPCR).
<b>Notes</b>	Next-generation RNase inhibitors stabilize RNA.
<b>Features</b>	<ol style="list-style-type: none"><li>1. In the self-built one-step method, the impact on sensitivity and plateau value is small.</li><li>2. The protective threshold against RNase A can reach 10 ng.</li></ol>
<b>Applications</b>	This product can be used in any application where RNase interference may occur to prevent RNA degradation, such as: <ol style="list-style-type: none"><li>1. cDNA first-strand synthesis, RT-PCR (can be used in both PCR and qPCR systems).</li><li>2. To protect RNA in in vitro transcription/translation (e.g., viral in vitro replication systems).</li><li>3. Protect the integrity of RNA during RNA isolation and purification.</li><li>4. RNase protection experiment.</li></ol>
<b>Components</b>	Murine RNase Inhibitor Pro (40 U/μl)
<b>Shipping and Storage Conditions</b>	Store at -30 ~ -15°C, transport at ≤0°C.