

## Product Datasheet

# Vazyme - Murine RNase Inhibitor (40 U/ $\mu$ l, GMP Grade) (GMP4102PA-02)

<b>Catalog Number</b>	GMP4102PA-02
<b>Category</b>	Tools
<b>Description</b>	<p>Murine RNase Inhibitor is a recombinant E. coli -expressed murine RNase inhibitor that binds RNase A, B, and C 1:1 in a non-competitive manner to inhibit the activity of all three enzymes and protect RNA from degradation. It has good thermal stability and is compatible with various commercially available reverse transcriptases, DNA and RNA polymerases, and capping enzymes. Compared with Human RNase Inhibitor, Mouse RNase Inhibitor does not contain the two cysteines in the human protein that are very sensitive to oxidation, thus it has higher antioxidant activity, and is more suitable for experiments that are sensitive to high reducing agents, such as qPCR, etc. This product is a GMP-grade recombinant Murine RNase Inhibitor. During the production process, host protein, exogenous DNA, RNase and other process-related impurities, as well as microbiological limits and bacterial endotoxins are strictly controlled. The entire production process does not use or add ampicillin or any raw materials and auxiliary materials of animal origin, and adopts the production and quality management standards in accordance with GMP norms to guarantee the traceability of the production process and raw and auxiliary materials, and the product meets the requirements for raw and auxiliary materials in the field of mRNA vaccine production and other fields.</p>
<b>Usage Notes</b>	Restricted to UK and Ireland's customers ONLY
<b>Storage</b>	Store at $-20 \pm 5^{\circ}\text{C}$ and transport at $\leq 0^{\circ}\text{C}$ .
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

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