



RNase Inhibitors

Catalog #	Pack size(40U/ul)	Price(USD)
ZP00801-S	5000U(125ul)	\$90.00
ZP00801-M	20000U(500ul)	\$280.00
ZP00801-L	40000U(1ml)	\$500.00

RNasin(RNase Inhibitor) is a recombinant mammalian RNase inhibitor that is expressed as a soluble protein in E. coli. with a molecular weight 51 kDa. It is a noncompetitive inhibitor of RNases A, B and C, human placental RNase and angiogenin. RNasin, free of RNase or Nickase, can maintain its activity at pH from 5 to 8, with the highest activity at pH 7.8. The concentration of RNasin is 20~40 units/ μ l.

RNasin has been tested in RT-PCR and is compatible with enzymes such as AMV, M-MLV Reverse Transcriptases or Taq DNA polymerases. It has also been tested and found to be compatible with quantitative, real-time RTPCR reactions in a TaqMan Assay.

Features:

- Higher stability-up to 15 minutes at 70 °C
- Activity of eukaryotic RNaseA, RNaseB, RNaseC and human placenta RNase
- Wide pH activity ranges. (1 mM DTT in the buffer system is needed.)

Application:

- RT-qPCR
- RNA isolation or RNA store
- In vitro transcription or any situation where RNase contamination is a concern



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