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1. Set up the following reaction on ice:

COMPONENTS	100 µl REACTION
RNA	~ 10 µg RNA
DNase I Reaction Buffer (10X)	10 µl (1X)
DNase I (RNase-free)	1 µl (2 units)
Nuclease-free H ₂ O	to 100 µl

2. Incubate at 37°C for 10 minutes.
3. Add 1 µl of 0.5 M EDTA (to a final concentration of 5 mM).
4. Heat inactivate at 75°C for 10 minutes.

Note: When using RNA in downstream applications, column purification with NEB's Monarch RNA Cleanup Kits (NEB [#T2030](#), [#T2040](#), [#T2050](#)), or cleanup with phenol/chloroform extraction is recommended instead of heat inactivation.

Links to this resource

Product Categories: [Exonucleases and Non-specific Endonucleases Products](#), [RNA Synthesis Products](#)

Related Products: [DNase I \(RNase-free\)](#)

