

Product Information Sheet  
# GE-NUC00400-Lot#AA0005

**SUMMARY**

shipped on blue ice; store at -20 °C

For research use only

**Enzyme characteristics**

Molecular weight: 28 kD plus glycosylation  
Isoelectric point: pI 5.1  
pH-activity range: n.d.  
T-stability: n.d.  
Specific activity: n.d.  
Substrates: RNA

Recombinant ribonuclease T2 from *Aspergillus oryzae*. Dissolved in 15 mM Na-acetate, pH 4.5, 100 mM NaCl. 50% (v/v) glycerol.

**Activity**

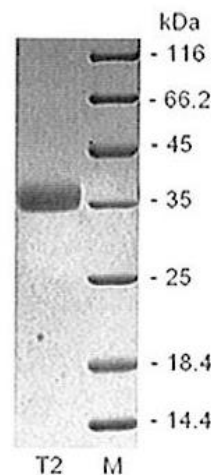
21 U/μl

**Unit definition**

One unit of the enzyme causes an increase in absorbance of 1.0 at 260 nm in 15 minutes when yeast RNA is hydrolyzed at 37 °C and pH 4.5.

**Typical reactions**

Cleavage of RNA



**Absence of contaminants**

Tested for alkaline and acid phosphatases. 100 U of the enzyme were incubated with 1 mM p-nitrophenylphosphate for 2 h at 37 °C at various pH values.

pH = 4                      19 nU/μl  
pH = 7                      n.d.  
pH = 10                    n.d.

**Order Information, Shipping and Storage**

| Order#                               | Product              | Quantity |
|--------------------------------------|----------------------|----------|
| GE-NUC00400-01                       | Recombinant RNase T2 | 750 U    |
| GE-NUC00400-02                       | Recombinant RNase T2 | 3000 U   |
| shipped on blue ice; store at -20 °C |                      |          |

**Contact and Support**

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**Customer Service – General inquiries & orders**

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**MoBiTec in your area:** Find your local distributor at [www.mobitec.com](http://www.mobitec.com)