

Product Information Sheet
GE-NUC00400

SUMMARY

shipped on blue ice; store at -20 °C

For research use only

Enzyme characteristics

Molecular weight: 28 kDa 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% glycerol.

Activity

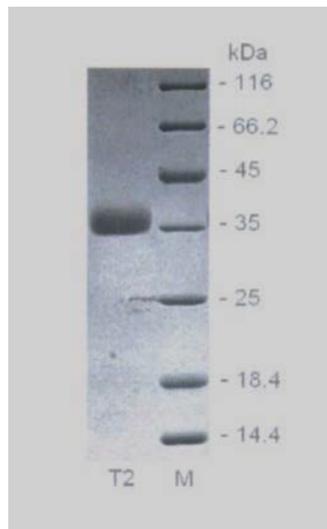
≥18.6 U/μL

Typical reactions

Cleavage of RNA

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.



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 = 4.0 <50 nU/μl
pH = 7.5 <50 nU/μl
pH = 10.0 <50 nU/μl

Order Information, Shipping and Storage

Order#	Product	Quantity
GE-NUC00400-01	Recombinant RNase T2	750 U
GE-NUC00400-02	Recombinant RNase T2	3000 U
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