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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Datasheet

T7 RNA Polymerase

Catalog Number: P8870

Regulation Status: For research use only (RUO)

Product Description: Bacteriophage T7 RNA Polymerase is a DNA-dependent RNA polymerase with high specificity for the T7 promoter. This enzyme catalyzes the 5' to 3' synthesis of RNA from DNA downstream from its promoter.

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Activity: One unit is defined as the amount of the enzyme incorporates 1 nmol of ATP into acid insoluble product in 1 hour at 37°C.

1X RNA Polymerase Reaction Buffer, supplemented with 0.5 mM each ATP, UTP, GTP, CTP, and DNA template containing the T7 RNA Polymerase Promoter. Incubate at 37°C.

(10X RNA Polymerase Reaction Buffer: 400 mM Tris-HCl (pH 8.0), 60 mM MgCl₂, 100 mM DTT, and 20 mM spermidine.)

Storage Buffer: In 100 mM Tris-HCl, 20 mM KCl, pH 7.9 (1 mM DTT, 1 mM EDTA, 0.1% Triton® X-100 and 50% (v/v) glycerol)

Storage Instruction: Store at -20°C.
Avoid repeated freezing and thawing.