Creative Enzymes®

# RNA-directed RNA polymerase

*Cat. No. EXWM-3260*

*Lot. No.* (See product label)

## Introduction

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| ***Description*** | Catalyses RNA-template-directed extension of the 3'- end of an RNA strand by one nucleotide at a time. Can initiate a chain de novo. See also EC 2.7.7.6 DNA-directed RNA polymerase. |
| ***Synonyms*** | RNA nucleotidyltransferase (RNA-directed); RNA nucleotidyltransferase (RNA-directed); RNA-dependent ribonucleate nucleotidyltransferase; 3D polymerase; PB1 proteins; PB2 proteins; phage f2 replicase; polymerase L; Q-β replicase; phage f2 replicase; ribonucleic acid replicase; ribonucleic acid-dependent ribonucleate nucleotidyltransferase; ribonucleic acid-dependent ribonucleic acid polymerase; ribonucleic replicase; ribonucleic synthetase; RNA replicase; RNA synthetase; RNA transcriptase; RNA-dependent ribonucleate nucleotidyltransferase; RDRP; RNA-dependent RNA polymerase; RNA-dependent RNA replicase; transcriptase |

## Product Information

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| ***Form*** | Liquid or lyophilized powder |
| ***EC Number*** | EC 2.7.7.48 |
| ***CAS No.*** | 9026-28-2 |
| ***Reaction*** | nucleoside triphosphate + RNAn = diphosphate + RNAn+1 |
| ***Notes*** | This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications. |

## Storage and Shipping Information

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| ***Storage*** | Store it at +4 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃. |