Creative Enzymes®

RNA-directed DNA polymerase

Cat. No. EXWM-3261

Lot. No. (See product label)

Introduction

Description	Catalyses RNA-template-directed extension of the 3'- end of a DNA strand by one deoxynucleotide at a time. Cannot initiate a chain de novo. Requires an RNA or DNA primer. DNA can also serve as template. See also EC 2.7.7.7 DNA-directed DNA polymerase.
Synonyms	DNA nucleotidyltransferase (RNA-directed); reverse transcriptase; revertase; RNA-dependent deoxyribonucleate nucleotidyltransferase; RNA revertase; RNA-dependent DNA polymerase; RNA-instructed DNA polymerase; RT

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.7.7.49
CAS No.	9068-38-6
Reaction	a 2'-deoxyribonucleoside 5'-triphosphate + DNAn = diphosphate + DNAn+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

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