

polynucleotide adenyltransferase

Cat. No. EXWM-3233

Lot. No. (See product label)

Introduction

Description

Also acts slowly with CTP. Catalyses template-independent extension of the 3'- end of a DNA strand by one nucleotide at a time. Cannot initiate a chain de novo. The primer, depending on the source of the enzyme, may be an RNA or DNA fragment, or oligo(A) bearing a 3'-OH terminal group. See also EC 2.7.7.6 DNA-directed RNA polymerase.

Synonyms

NTP polymerase; RNA adenylating enzyme; AMP polynucleotidylexotransferase; ATP-polynucleotide adenyltransferase; ATP:polynucleotidylexotransferase; poly(A) polymerase; poly(A) synthetase; polyadenylate nucleotidyltransferase; polyadenylate polymerase; polyadenylate synthetase; polyadenylic acid polymerase; polyadenylic polymerase; terminal riboadenylate transferase; poly(A) hydrolase; RNA formation factors, PF1; adenosine triphosphate:ribonucleic acid adenyltransferase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.7.7.19

CAS No.

9026-30-6

Reaction

ATP + 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

Storage

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