

deoxynucleoside kinase

Cat. No. EXWM-2975

Lot. No. (See product label)

Introduction

Description The enzyme from embryonic cells of the fruit fly *Drosophila melanogaster* differs from other 2'-deoxyribonucleoside kinases [EC 2.7.1.76 (deoxyadenosine kinase) and EC 2.7.1.113 (deoxyguanosine kinase)] in its broad specificity for all four common 2'-deoxyribonucleosides.

Synonyms multispecific deoxynucleoside kinase; ms-dNK; multisubstrate deoxyribonucleoside kinase; multifunctional deoxynucleoside kinase; *D. melanogaster* deoxynucleoside kinase; Dm-dNK; ATP:deoxynucleoside 5'-phosphotransferase

Product Information

Form Liquid or lyophilized powder

EC Number EC 2.7.1.145

CAS No. 52227-81-3

Reaction $\text{ATP} + \text{a 2'-deoxyribonucleoside} = \text{ADP} + \text{a 2'-deoxyribonucleoside 5'-phosphate}$

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.