

CC-preferring endodeoxyribonuclease

Cat. No. EXWM-3576

Lot. No. (See product label)

Introduction

Description

Prefers CC sites in double-stranded circular and linear DNA. Greater affinity for double-stranded than single-stranded DNA. Produces nicks, generating double-stranded fragments with 5'- and/or 3'-protruding single-stranded tails. Requires magnesium ions for activity. The endonuclease from *Chlorella*-like green algae infected with NYs-1 virus 4 may be the same enzyme.

Synonyms

Streptomyces glaucescens exocyttoplasmic dodeoxyribonuclease

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.1.21.6

CAS No.

37211-67-9

Reaction

endonucleolytic cleavage to give 5'-phosphooligonucleotide end-products, with a preference for cleavage within the sequence CC

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.