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 exocytoplasmic 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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.