Creative Enzymes®

uracil-DNA glycosylase

Cat. No. EXWM-3981

Lot. No. (See product label)

Introduction

Description	Uracil-DNA glycosylases are widespread enzymes that are found in all living organisms. EC 3.2.2.27 and double-stranded uracil-DNA glycosylase (EC 3.2.2.28) form a central part of the DNA-repair machinery since they initiate the DNA base-excision repair pathway by hydrolysing the N-glycosidic bond between uracil and the deoxyribose sugar thereby catalysing the removal of mis-incorporated uracil from DNA.
Synonyms	UdgB (ambiguous); uracil-DNA N-glycosylase; UDG (ambiguous); uracil DNA glycohydrolase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.2.2.27
Reaction	Hydrolyses single-stranded DNA or mismatched double-stranded DNA and polynucleotides, releasing free uracil
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 ℃.