Creative Enzymes®

DNA helicase

Cat. No. EXWM-4702

Lot. No. (See product label)

Introduction

Description DNA helicases utilize the energy from ATP hydrolysis to unwind double-stranded DNA. Some of them unwind duplex DNA with a 3' to 5' polarity, others show 5' to 3' polarity or unwind DNA in both directions. Some helicases unwind DNA as well as RNA. May be identical with EC 3.6.4.13 (RNA helicase).

Synonyms 3' to 5' DNA helicase; 3'-5' DNA helicase; 3'-5' PfDH; 5' to 3' DNA helicase; AvDH1; BACH1 helicase; BcMCM; BLM protein; BRCA1-associated C-terminal helicase; CeWRN-1; Dbp9p; DmRECQ5; DNA helicase 120; DNA helicase A; DNA helicase E; DNA helicase II; DNA helicase III; DNA helicase RECQL5β; DNA helicase VI; dnaB; DnaB helicase E1; helicase HDH IV; Hel E; helicase DnaB; helicase domain of bacteriophage T7 gene 4 protein helicase; PcrA helicase; UvrD; hHcsA; Hmi1p; hPif1; MCM helicase; MCM protein; MER3 helicase; MER3 protein; MPH1; PcrA; PcrA helicase; PDH120; PfDH A; Pfh1p; PIF1

Product Information

Form Liquid or lyophilized powder

EC Number EC 3.6.4.12

Reaction ATP + H2O = ADP + 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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.