

## 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**  $\text{ATP} + \text{H}_2\text{O} = \text{ADP} + \text{phosphate}$

**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.