

Recombinant Human DNA Polymerase theta protein

ab161121

1 Image

Description

Product name	Recombinant Human DNA Polymerase theta protein		
Expression system	Wheat germ		
Protein length	Protein fragment		
Animal free	No		
Nature	Recombinant		
Species	Human		
Sequence	DGFVQTLGRRRYLPGIKDNNPYRKAHAERQAINIVQGSA ADVKIATV NIQKQLETFHSTFKSHGHREGMLQSDRTGLSRKRKLQGM FCPIRGGFFIL QLHDELLYE		
Amino acids	2572 to 2680		
Tags	GST tag N-Terminus		

Specifications

Our **Abpromise guarantee** covers the use of **ab161121** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	ELISA
	Western blot
Form	Liquid
Additional notes	

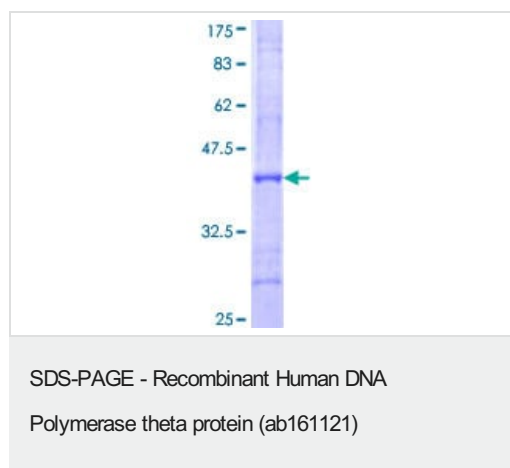
Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl
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General Info

Function	Has a DNA polymerase activity on nicked double-stranded DNA and on a singly primed DNA template. The enzyme activity is resistant to aphidicolin, and inhibited by dideoxynucleotides. Exhibites a single-stranded DNA-dependent ATPase activity. Could be involved in the repair of interstrand cross-links.
Tissue specificity	Highly expressed in testis.
Sequence similarities	Belongs to the DNA polymerase type-A family. Contains 1 helicase ATP-binding domain. Contains 1 helicase C-terminal domain.

Images



ab161121 on a 12.5% SDS-PAGE stained with Coomassie Blue.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours
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