

Recombinant rat DNA Polymerase beta protein ab123225

1 References [画像数 1](#)

製品の詳細

製品名	Recombinant rat DNA Polymerase beta protein
生理活性	Enzyme activity: 90 unit/μl (1unit of the enzyme activity incorporates 1 nanomole of dNTP into acid-insoluble fraction at 37°C in 60 min.)
精製度	> 95 % SDS-PAGE.
発現系	Escherichia coli
アクセッション番号	<u>P06766</u>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Rat
予測される分子量	38 kDa
領域	2 to 335

特性

Our **Abpromise guarantee** covers the use of **ab123225** in the following tested applications.

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

アプリケーション	Western blot
	Functional Studies
	SDS-PAGE
製品の状態	Liquid

前処理および保存

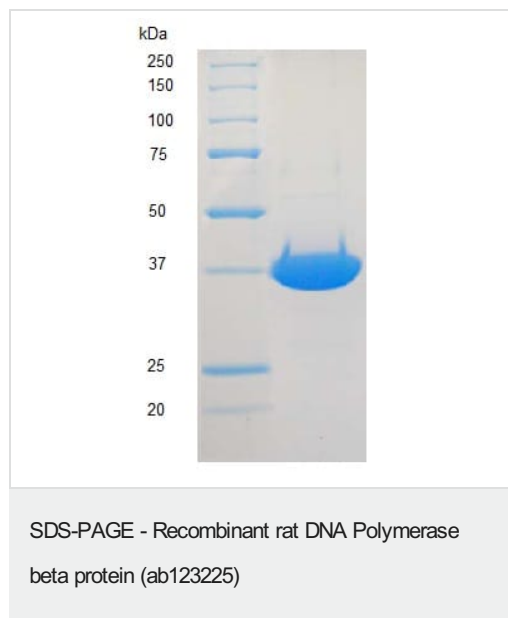
保存方法および安定性	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
	pH: 6
	Constituents: 2.28% Potassium chloride, 0.02% DTT, 0.79% Tris HCl, 0.003% EDTA, 20% Glycerol (glycerin, glycerine)

This product is an active protein and may elicit a biological response in vivo, handle with caution.

関連情報

機能	Repair polymerase. Conducts "gap-filling" DNA synthesis in a stepwise distributive fashion rather than in a processive fashion as for other DNA polymerases. Has a 5'-deoxyribose-5-phosphate lyase (dRP lyase) activity.
配列類似性	Belongs to the DNA polymerase type-X family.
ドメイン	Residues 239-252 form a flexible loop which appears to affect the polymerase fidelity.
翻訳後修飾	Methylation by PRMT6 stimulates the polymerase activity by enhancing DNA binding and processivity.
細胞内局在	Nucleus, Cytoplasm

画像



SDS-PAGE of ab123225

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

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