

Recombinant Human DNA Polymerase beta protein ab111641

画像数 1

製品の詳細

製品名	Recombinant Human DNA Polymerase beta protein
精製度	> 90 % SDS-PAGE. ab111641 is purified using conventional chromatography.
発現系	Escherichia coli
アクセッション番号	P06746
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	<p>MGSSHHHHHSSGLVPRGSHMSKRKAPQETLNGGITDMLT ELANFEKNVS QAIHKYNAYRKAASVIAKYPHKIKSGAEAKKLPGVGTKIAEK IDEFLATG KLRKLEKIRQDDTSSSINFLTRVSGIGPSAARKFVDEGIKTL EDLRKNED KLNHHQRIGLYFGDFEKRIPREEMLQMQLNEVKKVDSE YIATVCGS FRRGAESSGDMVLLTHPSFTSESTKQPKLLHQVVEQLQKVH FITDTLSK GETKFMGVCQLPSKNDEKEYPHRRIDIRLIPKDQYYCGVLYF TGSDIFNK NMRAHALEKGFTINEYTIRPLGVTGVAGEPLPVDSEKDIFDY IQWKYREP KDRSE</p>
予測される分子量	40 kDa including tags
領域	1 to 335
タグ	His tag N-Terminus

特性

Our **Abpromise guarantee** covers the use of **ab111641** 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 SDS-PAGE

Mass Spectrometry

質量分析

MALDI-TOF

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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.02% DTT, 69% Tris HCl, 30% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

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



15% SDS-PAGE analysis of ab111641 (3 µg)

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

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