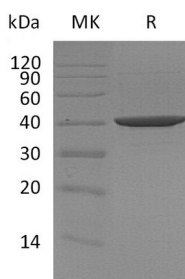


Product Name: Recombinant Human DNA Polymerase Beta (C-6His)
Catalog #: PEH0539

概述 (Summary)

英文全称	DNA Polymerase beta
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human DNA Polymerase Beta is produced by our E.coli expression system and the target gene encoding Ser2-Glu335 is expressed with a 6His tag at the C-terminus.
Accession #	P06746
蛋白标签 (Tag)	
表达宿主 (Host)	E.coli
种属 (Species)	Human
预测分子量 (Predicted MW)	39.23 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 100mM NaCl, 1mM DTT, 1mM EDTA, 50% Glycerol, pH 7.8.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	

电泳图 (SDS-PAGE image)



背景 (Background)

分子别名 (Alternative Names) DNA Polymerase Beta; POLB

Product Name: Recombinant Human DNA PolymeraseBeta (C-6His)
Catalog #: PEH0539

背景介绍 (References)

Human DNA polymerase β is constitutively expressed in cells. It fills in gaps in DNA that are formed following base excision repair. Repair polymerase that plays a key role in base-excision repair. Has 5-deoxyribose-5-phosphate lyase (dRP lyase) activity that removes the 5 sugar phosphate and also acts as a DNA polymerase that adds one nucleotide to the 3 end of the arising single-nucleotide gap. It conducts gap-filling DNA synthesis in a stepwise distributive fashion rather than in a processive fashion as for other DNA polymerases. The activity cannot be affected by Aphidicolin, which is an inhibitor of DNA polymerase β .

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.