

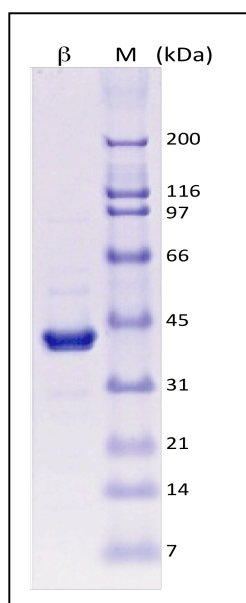
Recombinant Human DNA Polymerase β

Catalog Number	Size
AG321-20	20ug
AG321-100	100ug
AG321-B	Bulk

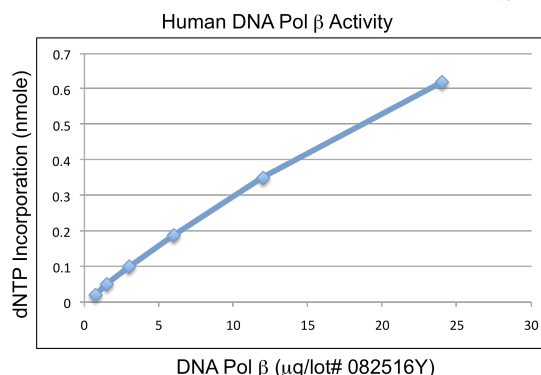
Specifications and Use

Description

Recombinant human DNA polymerase beta was expressed in Sf9 cells and purified by an affinity column in combination of other chromatograph methods. The resulted protein is a monomeric polypeptide of 349 (14+335) amino acids with a 6His tag at the N-terminus. It migrates in SDS-PAGE with an apparent molecular mass of 40kDa.



MHHHHHHGRRASVLESKRKAPQETLNGGITDMLTELANFEKNVSQAIHKY
NAYRKAASVIAKYPHKIKSGAEAKKLPVGVTGKIAEKIDFLATGKLRKLE
KIRQDDTSSSINFLTRVSGIGPSAARKFVDEGIKTLEDLRKNEDKLNHHQ
RIGLYFGDFEKRIPREMLQMDIVLNEVKKVDSEYIATVCGSFRRGAE
SSGDMVLLTHPSFTSESTKQPKLLHQVVEQLQKVHFITDTLSKGETKFM
GVCQLPSKNDEKEYPHRRIDIRLIPKDQYYCGVLYFTGSDIFNKNMRAHA
LEKGFITINEYTIIRPLGVTGVAGEPLPVDSEKIDFDYIQWKYREPKDRSE



Accession: NM_002690

Source Sf9

Molecular Mass Approximately 40kD.

Purity $\geq 90\%$, as determined by SDS-PAGE.

Biological Activity Recombinant human DNA polymerase b protein is suitable for the studies of gap-filling DNA synthesis, including base excision and repair.

Formulation 20mM Tris-Cl, pH7.9, 20% glycerol, 100mM NaCl, 1mM DTT and 1mM EDTA.

Storage The protein sample can be stored under sterile conditions at 2-8°C for one month or at -20°C to -70°C for three months without detectable loss of activity.

Special Notes **FOR RESEARCH USE ONLY**

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