

32-7137: Recombinant Human DNA Polymerase beta (C-6His)

Gene : POLB
Gene ID : 5423
Uniprot ID : P06746

Description

Source: E.coli.
MW :39.23kD.

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. Human DNA polymerase beta is constitutively expressed in cells. It fills in gaps in DNA that are formed following base excision repair. The activity cannot be affected by Aphidicolin, which is an inhibitor of DNA polymerase beta.

Product Info

Amount : 10 µg / 50 µg
Content : Supplied as a 0.2 µm filtered solution of 20mM TrisHCl, 100mM NaCl, 1mM DTT, 1mM EDTA, 50% Glycerol, pH 7.8.
Storage condition : Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Amino Acid : MSKRKAPQETLNGGITDMLTELANFEKNVSQAIHKYNAYRKAASVIKYPHKIKSGAEAKKLPGVGTKEAEKIDF
LATGKLRKLEKIRQDDTSSINFLTRVSGIGPSAARKFVDEGIKTLEDLRKNEDKLNHHQRIGLKYFGDFEKRI
EEMLMQDIVLNEVKKVDSEYIATVCGSFRRGAESSGDMDVLLTHPSFTSESTKQPKLLHQVVEQLQKVHFITD
TLKGETKFMGVCQLPSKNDKEYPHRRIDIRLIPKDQYYCGVLYFTGSDIFNKNMRAHALEKGFTINEYTIRPLG
VTGVAGEPLPVDSEKDIFDYIQWKYREPKDRSEVEHHHHHHH

Application Note

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.