AscentGene, Inc.
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Gaithersburg, MD 20878

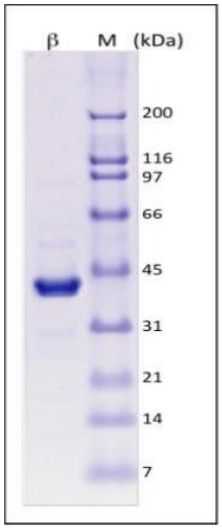
Recombinant Human DNA Polymerase β

Catalog Number	Size
AG321-10	10ug
AG321-25	25ug
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.



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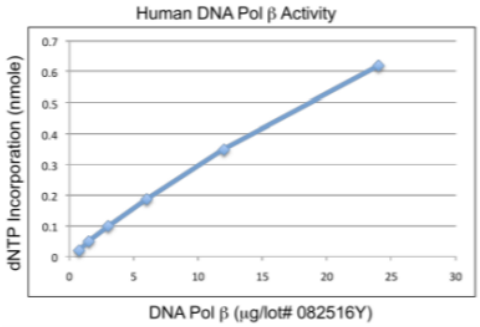

Accession Number

NM_002690

Source

Sf9

Molecular Mass

Approximately 40kD.

Purity

≥90%, as determined by SDS-PAGE

Biological Activity

Recombinant human DNA polymerase b protein is suitable for the studies of gapfilling 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 2-8o C for one month or at -20o C to -70o C for three months without detectable loss of activity.

Special Notes

FOR RESEARCH ONLY