

# Enzymax, LLC

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# Product Information

**Product Name:** POL lambda, human  
**Catalog #:** 95  
**Size:** 5 µg

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**Product:** Human DNA polymerase lambda, Polλ; POLL gene product.

**SDS-PAGE analysis:**

**Product description:**

DNA polymerase λ is a member of the X family DNA polymerases. It is involved in meiotic recombination and DNA repair.

**Source:** Recombinant full length human DNA polymerase λ expressed in *E. coli*.

**Molecular weight:** 68 kDa

**Presentation:**

Purified POL lambda protein in 50 mM Tris-HCl, (pH7.5), 300 mM NaCl, and 10% glycerol.

**Storage:**

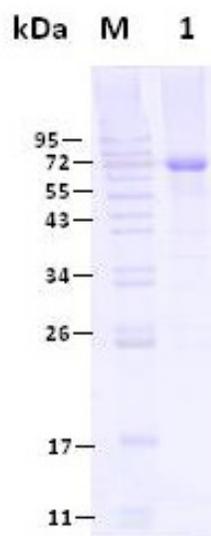
Stable for 2 years at -70°C from date of shipment. Aliquot to avoid repeated freezing and thawing.

**Suggested reaction buffer (not included):**

25 mM potassium phosphate (pH7.0), 5 mM MgCl<sub>2</sub>, 5 mM DTT, 100 µg/ml BSA, 10% glycerol, 50-100 µM dNTPs.

**Suggested dilution buffer (not included):**

50 mM Tris-HCl (pH7.5), 5 mM β-mercaptoethanol, 50% glycerol.



**Purified human DNA polymerase λ.** The protein (200 ng) was analyzed by electrophoresis on a 10% SDS-polyacrylamide gel and visualized by staining with Coomassie blue. Protein size markers (lane M) are indicated on the left.