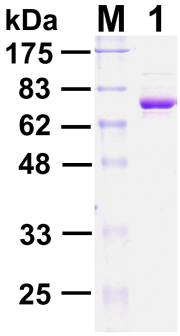
Yeast DNA Polymerase η (eta) (RAD30 Protein)

Molecular Mass: 71 kDa

Catalog #	Size
43	5 µg



Purified yeast DNA polymerase η. The protein (300 ng, lane 1) 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.

Description

DNA polymerase η is a member of the Y family DNA polymerases. It is involved in translesion synthesis, either error-free or error-prone, depending on the specific types of DNA lesion. Deficiency of Polη in humans leads to the XPV disease.

Reaction Buffer

25 mM potassium phosphate (pH 7.0), 5 mM $MgCl_2$, 5 mM DTT, 100 µg/ml BSA, 10% glycerol, 50-100 µM dNTPs.

Dilution Buffer

25 mM Tris-HCl (pH 7.5), 2.5 mM β-mercaptoethanol, 50% glycerol.

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