

## DNA Repair, Replication, Recombination

### Human DNA Polymerase $\beta$ (beta)

Molecular Mass: 38 kDa

| Catalog # | Size       | Price |
|-----------|------------|-------|
| 22        | 10 $\mu$ g | \$250 |

#### Description

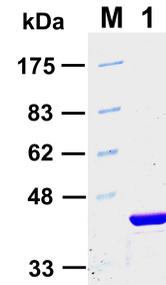
DNA polymerase  $\beta$  is a member of the X family DNA polymerases. Pol $\beta$  is the major DNA polymerase during base excision repair in higher eukaryotes.

#### Reaction Buffer

25 mM potassium phosphate (pH 7.0), 5 mM MgCl<sub>2</sub>, 5 mM DTT, 100  $\mu$ g/ml BSA, 10% glycerol, 50-100  $\mu$ M dNTPs.

#### Dilution Buffer

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



**Purified human DNA polymerase  $\beta$ .** The protein (400 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.