

## DNA Repair

### Human DNA Ligase III

Molecular Mass: 113 kDa

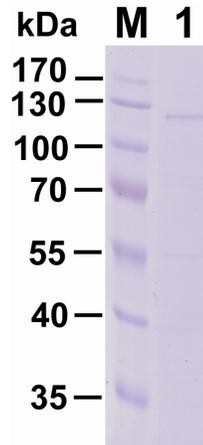
Catalog #	Size
56	5 $\mu$ g

#### Description

DNA ligase III forms a stable complex with XRCC1. It is the major DNA ligase in the short patch base excision repair pathway. ATP is required as the co-factor for DNA ligation. Recombinant protein was purified from *E. coli*.

#### Buffer

The protein is supplied in 50 mM Tris-HCl, pH 7.5, 500 mM NaCl, 5 mM  $\beta$ -mercaptoethanol, 10% glycerol.



**Purified human DNA ligase III.** The protein (200 ng) was analyzed by electrophoresis on a 12.5% SDS-polyacrylamide gel and visualized by staining with Coomassie blue. Protein size markers (lane M) are indicated on the left.

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