

DNA Repair

Human DNA Ligase III

Molecular Mass: 113 kDa

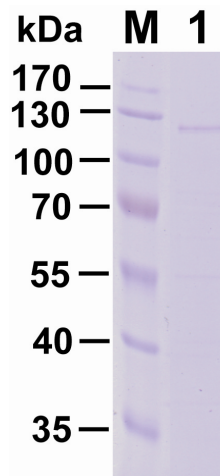
Catalog #	Size
ANT-56	2 μ g

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 β -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.