

Recombinant Human LIG1 protein

Cat. No. LIG1-1519H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LIG1 protein was purified from E. coli.
Species	Human
Source	E.coli
Description	DNA ligase I is required for DNA replication and is involved in DNA repair such as nucleotide excision repair and base excision repair. ATP is required as the co-factor for DNA ligation.
Form	50 mM Tris-HCl, pH 7.5, 500 mM NaCl, 5 mM β-mercaptoethanol, 10% glycerol.
Molecular Mass	102 kDa

GENE INFORMATION

Gene Name	LIG1 ligase I, DNA, ATP-dependent [Homo sapiens]
Official Symbol	LIG1
Synonyms	LIG1; ligase I, DNA, ATP-dependent; DNA ligase 1; polydeoxyribonucleotide synthase [ATP] 1; MGC117397; MGC130025;
Gene ID	3978

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mRNA Refseq	NM_000234
Protein Refseq	NP_000225
MIM	126391
UniProt ID	P18858

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