

Recombinant Mouse Lig1 Protein, MYC/DDK-tagged

Cat. No. Lig1-1318M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse ligase I, DNA, ATP-dependent (Lig1), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	DNA ligase that seals nicks in double-stranded DNA during DNA replication, DNA recombination and DNA repair.
Molecular Mass	102.2 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Lig1 ligase I, DNA, ATP-dependent [Mus musculus (house mouse)]
Official Symbol	Lig1
Synonyms	Lig1; ligase I, DNA, ATP-dependent; LigI; AL033288; DNA ligase 1; DNA ligase I; polydeoxyribonucleotide synthase [ATP] 1; EC 6.5.1.1
Gene ID	16881
mRNA Refseq	NM_001083188
Protein Refseq	NP_001076657

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