

LIG1 抗原（重组蛋白）

中文名称： LIG1 抗原（重组蛋白）

英文名称： LIG1 Antigen (Recombinant Protein)

储 存： 冷冻（-20℃）

相关类别： 抗原

概 述：

Fusion protein corresponding to a region derived from C terminal 250 amino acids of human LIG1

技术规格：

Full name:	ligase I, DNA, ATP-dependent
Swissprot:	P18858
Gene Accession:	BC110622
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	This gene encodes a member of the ATP-dependent DNA ligase protein family. The encoded protein functions in DNA replication, recombination, and the base excision repair process. Mutations in this gene that lead to DNA ligase I deficiency result in immunodeficiency and increased sensitivity to DNA-damaging agents. Disruption of this gene may also be associated with a variety of cancers. Alternative splicing results in multiple transcript variants.