

Datasheet for ABIN7577951
LIG1 Protein (His tag)



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Overview

Quantity:	100 µg
Target:	LIG1
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This LIG1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB), ELISA

Product Details

Purpose:	Recombinant Human LIG1, N-His
Sequence:	Gly484-Ile663

Target Details

Target:	LIG1
Alternative Name:	LIG1 (LIG1 Products)
Background:	DNA ligase 1, Polydeoxyribonucleotide synthase [ATP] 1, DNA ligase I, LIG1
Molecular Weight:	22.90 kDa
UniProt:	P18858
Pathways:	Telomere Maintenance , DNA Damage Repair , DNA Replication , Synthesis of DNA

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
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Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Reconstitution:	Reconstitute in sterile water for a stock solution.
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Buffer:	Lyophilized from a solution in PBS pH 7.4, 0.02 % NLS, 1 mM EDTA, 4 % Trehalose, 1 % Mannitol.
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Storage:	4 °C,-20 °C,-80 °C
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Storage Comment:	Use a manual defrost freezer and avoid repeated freeze thaw cycles.Store at 2 to 8 °C for one week .Store at -20 to -80 °C for twelve months from the date of receipt.
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