

ATP Dependent DNA ligase I Recombinant Protein | LIG1 recombinant protein

Recombinant ATP Dependent DNA ligase I (LIG1)

CATALOG # AAA144044	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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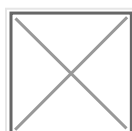
PRODUCT SYNONYMS

ATP Dependent DNA ligase I; Recombinant ATP Dependent DNA ligase I (LIG1); LIG1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 95%
Form/Format	100mM NaHCO ₃ , 500mM NaCl, pH8.3, containing 0.01% SKL, 5% Trehalose
Concentration	Original Concentration: 200ug/mL (varies by lot)
Sequence	GKGKTAEARK TWLEEQGMIL KQTFCEVPDL DRIIPVLEH GLERLPEHCK LSPGIPLKPM LAHPTRGISE VLKRFEEAAF TCEYKYDGQR AQIHALEGGE VKIFSRNQED NTGKYPDIIS RIPKIKLPSV TSFILDTEAV AWDREKKQIQ PFQVL TTRKR KEVDASEIQV QVCLYAFDLI
Applicable Applications for LIG1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Gly484~Ile663
Tags	N-terminal His Tag
Subcellular Location	Nucleus
Traits	Freeze-dried powder
Predicted isoelectric point	7.8
Usage	Reconstitute in ddH ₂ O to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	827399903
Molecular Weight	Predicted Molecular Mass: 24.3kDa Accurate Molecular Mass: 24kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	ATP dependent DNA ligase I

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/atp-dependent-dna-ligase-i-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/144044>