

DNA ligase (ligA), partial Recombinant Protein | ligA recombinant protein

Recombinant Colwellia psychrerythraea DNA ligase (ligA), partial

CATALOG #
AAA117169

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

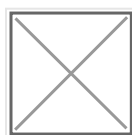
PRODUCT SYNONYMS

DNA ligase (ligA); partial; Recombinant Colwellia psychrerythraea DNA ligase (ligA); DNA ligase; EC=6.5.1.2; Polydeoxyribonucleotide synthase [NAD(+)]; ligA recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	330-689aa; Partial
Sequence	KFPAEEELTC VEDVEFQVGR TGAITPVARL KPVFVGGVTV SNATLHNQDE ITRLGLKVND FVIRRAGDV IPQIVSVVLD KRPDNAV DIV FPTSCPVCDS AVAKPEGEAV LRCTAGLFCA AQRKEAIKHF ASRKAHDVDG LGDKLVEQLV DEKLINTPAD LFKLTEIQVS TIDRMGKKS A TNLINGLEQA KSTTLAKFIY GLGIREVGEA TAANLANHFY TLAAIESASL EDLQNVSDVG EVVAKNIINF FKEEHNLAIV SGLSEVMHWP TIEIKSAEEL PLAEQIFVLT GTLTQMGRTE AKTALQSLGA KVS GSVSKNT HFVVAGDKAG SKLTKAQDLG ISVLTEDGLV ALLAEHGITI
Sequence Length	689
Species	Colwellia psychrerythraea (strain 34H / BAA-681) (Vibrio psychroerythus)
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Coli host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for ligA recombinant protein

DNA ligase that catalyzes the formation of phosphodiester linkages between 5'-phosphoryl and 3'-hydroxyl groups in double-stranded DNA using NAD as a coenzyme and as the energy source for the reaction. It is essential for DNA replication and repair of damaged DNA.

NCBI AND UNIPROT INFORMATION

NCBI GI #	71281008
NCBI GeneID	3521477
NCBI Accession #	YP_270140.1
NCBI GenBank Nucleotide #	NC_003910.7
UniProt Accession #	Q47YI0
Molecular Weight	42.1 kDa
NCBI Official Full Name	DNA ligase, NAD-dependent
NCBI Official Symbol	ligA
NCBI Protein Information	DNA ligase, NAD-dependent
UniProt Protein Name	DNA ligase
UniProt Gene Name	ligA
UniProt Entry Name	DNLJ_COLP3

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/liga-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/117169>