DNA Ligase (lig) Sulfolobus Tokodaii Recombinant Protein

PRODUCT OVERVIEW

Product Name	DNA ligase (lig), Recombinant Protein
Full Product Name	Recombinant Sulfolobus tokodaii DNA ligase (lig), partial
Product Gene Name	lig recombinant protein
Product Synonym Gene Name	lig
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
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.
Molecular Weight	68,025 Da
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q976G4
Species	Sulfolobus tokodaii (strain DSM 16993 / JCM 10545 / NBRC 100140 / 7)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for lig recombinant protein	MBS1375800 is a recombinant protein targeting lig. Also known as Recombinant Sulfolobus tokodaii DNA ligase (lig), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of lig recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for lig. It may not necessarily be applicable to this product.

NCBI GI #	499285105
NCBI Accession #	WP_010978165.1
UniProt Primary Accession #	Q976G4
GenBank Nucleotide #	WP_010978165.1
NCBI Official Full Name	ATP-dependent DNA ligase
UniProt Protein Name	DNA ligase
UniProt Synonym Protein Names	Polydeoxyribonucleotide synthase [ATP]
Protein Family	Probable DNA ligase
UniProt Gene Name	lig

UniProt Comments for lig	DNA ligase that seals nicks in double-stranded DNA during DNA replication, DNA recombination and DNA repair.
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