L-Lactate Dehydrogenase (ldh) Recombinant Protein

PRODUCT OVERVIEW

Product Name	L-lactate dehydrogenase (ldh), Recombinant Protein
Full Product Name	Recombinant Staphylococcus saprophyticus subsp. saprophyticus L-lactate dehydrogenase (ldh)
Product Gene Name	ldh recombinant protein
Product Synonym Gene Name	ldh
Sequence	MEYIKSNKVV LIGDGAVGSS YAFALVAQGV ADELVIIDLD EDKVKGDVMD LNHAAPYGGS PVKIKAGSYK ACHNADLVVI TAGAAQKPGE TRLDLIEKNT KIFKSIVSEV MASGFNGIFL VATNPVDVLT YVTQQVSGLP KEKVIGSGTI LDTARFKYEL AEEFGVSDRS VHGQIIGEHG DSELAVWSQA NIAGQPLYQL LIDDPEKQHR IEEIFVNTRD AAYDIIQAKG ATYYGIAMGL VHITKAILNN QNVVLTVSSR LEGEYGQEDV YIGVPTKINR QGAVEVFEIP LNDEEKTLFT RSVGILKEMQ NKISHLIA
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	34,523 Da
Sequence Positions	1-318, Full length protein
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 Q49YJ3
Species	Staphylococcus saprophyticus subsp. saprophyticus (strain 15305 / DSM 20229)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ldh recombinant protein	MBS1454672 is a recombinant protein targeting ldh. Also known as Recombinant Staphylococcus saprophyticus subsp. saprophyticus L-lactate dehydrogenase (ldh). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ldh 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 ldh. It may not necessarily be applicable to this product.

NCBI GI #	499622119
NCBI Accession #	WP_011302853.1
UniProt Primary Accession #	Q49YJ3
GenBank Nucleotide #	WP_011302853.1
NCBI Official Full Name	MULTISPECIES: L-lactate dehydrogenase

UniProt Protein Name	L-lactate dehydrogenase
Protein Family	Leucine dehydrogenase
UniProt Gene Name	ldh
UniProt Synonym Gene Names	L-LDH
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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