

L-lactate dehydrogenase [cytochrome] Recombinant Protein | lldD recombinant protein

Recombinant Escherichia coli O9:H4 (strain HS) L-lactate dehydrogenase [cytochrome]

CATALOG # AAA114353	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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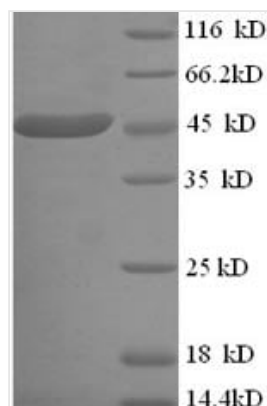
PRODUCT SYNONYMS

L-lactate dehydrogenase [cytochrome]; Recombinant Escherichia coli O9:H4 (strain HS) L-lactate dehydrogenase [cytochrome]; lldD 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	1-396aa; Full Length
Sequence	MIISAASDYR AAAQRILPPF LFHYMDGGAY SEYTLRRNVE DLSEVALRQR ILKNMSDLSL ETTLFNEKLS MPVALAPVGL CGMYARRGEV QAAKAADAHG IPFTLSTVSV CPIEEVAPAI KRPMWFQLYV LRDRGFMRNA LERAKAAGCS TLVFTVDMPT PGARYRDAHS GMSGPNAAMR RYLQAVTHPQ WAWDVGLNGR PHDLGNISAY LGKPTGLEDY IGWLGNNFDP SISWKDLEWI RDFWDGPMVI KGILDPEDAR DAVRFGADGI VVSNHGGRQL DGVLSARAL PAIADAVKGD IAILADSGIR NGLDVVRMIA LGADTVLLGR AFLYALATAG QAGVANLLNL IEKEMKVAMT LTGAKSISEI TQDSLQGLG KELPAALAPM AKGNAA
Sequence Length	396
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 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for IldD recombinant protein	Catalyzes the conversion of L-lactate to pyruvate. Is coupled to the respiratory chain.
References	The pangenome structure of Escherichia coli comparative genomic analysis of E. coli commensal and pathogenic isolates.Rasko D.A., Rosovitz M.J., Myers G.S.A., Mongodin E.F., Fricke W.F., Gajer P., Crabtree J., Sebaihia M., Thomson N.R., Chaudhuri R., Henderson I.R., Sperandio V., Ravel J.J. Bacteriol. 190:6881-6893(2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	446509434
NCBI Accession #	WP_000586962.1
NCBI GenBank Nucleotide #	WP_000586962.1
UniProt Accession #	A8A670
Molecular Weight	46.7 kDa
NCBI Official Full Name	MULTISPECIES: alpha-hydroxy-acid oxidizing enzyme
UniProt Protein Name	L-lactate dehydrogenase
UniProt Gene Name	IldD
UniProt Entry Name	LLDD_ECOHS

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.

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Online datasheet: <https://stage.aaabiotech.com/lldd-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/114353>