

L-lactate dehydrogenase Recombinant Protein | LDH recombinant protein

Recombinant Plasmodium berghei L-lactate dehydrogenase

CATALOG # AAA18723	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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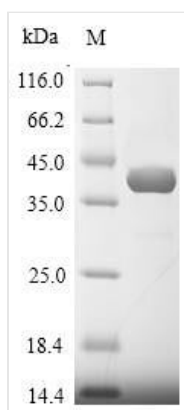
PRODUCT SYNONYMS

L-lactate dehydrogenase; Recombinant Plasmodium berghei L-lactate dehydrogenase; LDH 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	1-316aa; Full Length
Sequence	MAPKAKIVLV GSGMIGGVMA TLIVQKNLGD VVMFDIVKNM PHGKALDTSN TNVMAYSNCK VSGSNTYDDL KDADVIVTA GFTKAPGKSD KEWNRDDLPL LNNKIMIEIG GHIKNNCPNA FIIVVTNPVD VMVQLLHQHS GVPKNKIVGL GGVLDTSRLK YYISQKLNVC PRDVNAHIVG AHGNKMVLLK RYITVGGIPL QEFINNKKIT DQELDAIFDR TINTALEIVN LHASPYVAPA AAIIEMAESY IRDLRKVLIC STLLEGQYGH KDIFAGTPLV IGGNGVEQVI ELQLNADEKK KFDEAVAETS RMKALI
Sequence Length	316
Species	Plasmodium berghei
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

Product Categories/Family for LDH recombinant protein	Metabolism
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References	Expression of Plasmodium falciparum lactate dehydrogenase in Escherichia coli.Bzik D.J., Fox B.A., Gonyer K.Mol. Biochem. Parasitol. 59:155-166(1993) The structure of lactate dehydrogenase from Plasmodium falciparum reveals a new target for anti-malarial design.Dunn C., Banfield M., Barker J., Higham C., Moreton K., Turgut-Balik D., Brady L., Holbrook J.J.Nat. Struct. Biol. 3:912-915(1996) Chloroquine binds in the cofactor binding site of Plasmodium falciparum lactate dehydrogenase.Read J.A., Wilkinson K.W., Tranter R., Sessions R.B., Brady R.L.J. Biol. Chem. 274:10213-10218(1999)
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NCBI AND UNIPROT INFORMATION

UniProt Accession #	Q27743
Molecular Weight	39.4 kDa
UniProt Protein Name	L-lactate dehydrogenase
UniProt Entry Name	LDH_PLAFD

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/l-lactate-dehydrogenase-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/18723>