

Lactate Dehydrogenase A (LDHA) Recombinant Protein | LDHA recombinant protein

Recombinant Lactate Dehydrogenase A (LDHA)

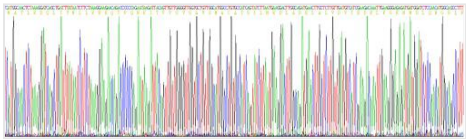
CATALOG # AAA134324	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

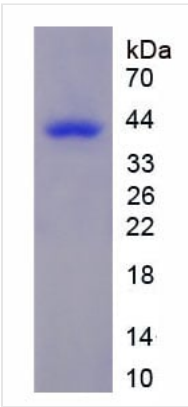
Lactate Dehydrogenase A (LDHA); Recombinant Lactate Dehydrogenase A (LDHA); LDHA recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithN-t erminalHis -Tag,itsse quenceisli stedbelow. MGHHHH HHSSEF-MA TLKDQLIYNL LKEEQTPQNK ITVVGVGAVG MACAISILMK DLADELALVD VIEDKLKGM MDLQHGSFL RTPKIVSGKD YNVTANSKLV IITAGARQQE GESRLNLVQR NVNIFKFIIP NVVKYSPNCK LLIVSNPVDI LTYVAWKISG FPKNRVIGSG CNLDSARFRY LMGERLGVHP LSCHGWVLGE HGDSSVPVWS GMNVAGVSLK TLHPDLGTDK DKEQWKEVHK QVVESAYEVI KLKGYTSWAI GLSVADLAES IMKNLRRVHP VSTMIKGLYG IKDDVFLSVP CILGQNGISD LVKVTLTSEE EARLKKSADT LWGIQKELQF
Sequence Length	274
Applicable Applications for LDHA recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Homo sapiens (Human)
Expression System	Prokaryotic expression
Residues	Met1~Phe332 (Accession # P00338) with N-terminal His-Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test,that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.



Application Data



SDS-PAGE

MATLKDQLIY NLLKEEQTPQ NKITVVGVA VGMACAISIL MKDLADELAL
VDVIEDKLKG EMDLQHGSL FLRTPKIVSG KDYNVTANSK LVIITAGARQ
QEGESRLNLV QRNVNIFKFI IPNVVKYSPN CKLLIVSNPV DILTYVAWKI
SGFPKNRVIG SGCNLD SARF RYLMGERLGV HPLSCHGAVL GEHGDSSVPV
CVPVWSGMNV AGVSLKTLHP DLGTDKDKEQ WKEVHKQVVE SAYEVIKLGK
YTSWAIGLSV ADLAESIMKN LRRVHPVSTM IKGLYGIKDD VFLSVPCILG
QNGISDLVKV TLTSEEEEARL KKSADTLWGI QKELQF

Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	207028494
NCBI GeneID	3939
NCBI Accession #	NP_001128711.1
NCBI GenBank Nucleotide #	NM_001135239.1
UniProt Accession #	P00338; Q53G53; Q6IBM7; Q6ZNV1; Q9UDE8; Q9UDE9; B4DKQ2; B7Z5E3; D3DQY3; F8W819
Molecular Weight	38.2kDa
NCBI Official Full Name	L-lactate dehydrogenase A chain isoform 2
NCBI Official Synonym Full Names	lactate dehydrogenase A
NCBI Official Symbol	LDHA
NCBI Official Synonym Symbols	LDH1; LDHM; GSD11; PIG19; HEL-S-133P
NCBI Protein Information	L-lactate dehydrogenase A chain; LDH-A; LDH-M; LDH muscle subunit; lactate dehydrogenase M; proliferation-inducing gene 19; renal carcinoma antigen NY-REN-59; cell proliferation-inducing gene 19 protein; epididymis secretory sperm binding protein Li 133P
UniProt Protein Name	L-lactate dehydrogenase A chain
UniProt Gene Name	LDHA
UniProt Synonym Gene Names	LDH-A; LDH-M
UniProt Entry Name	LDHA_HUMAN

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.