LDH-B Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	LDH-B, Recombinant Protein
Full Product Name	Human LDH-B Recombinant Protein N-6 His Tag
Product Gene Name	LDH-B recombinant protein
Product Synonym Gene Name	LDHB
Host	E Coli
Form/Format	This is a Liquid protein buffered in supplied as a 0.2um filtered solution of 20mM TrisHCl, 100mM NaCl, pH 8.0. It is not recommended to reconstitute to a concentration less than 100UG/ml
Purity/Purification	Greater than 95% as determined by reducing SDS-PAGE. Endotoxin level less than 0.1 ng/ug (1 IEU/ug) as determined by LAL test.
Preparation and Storage	Store at -20 degree C, stable for 6 months after receipt. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Species	Human
Tag	N-6 His
Related Product Information for LDH-B recombinant protein	Human LDH-B Recombinant Protein N-6 His Tag has been recombinantly produced in E Coli. L-Lactate Dehydrogenase B Chain (LDH-B) is a member of the lactate dehydrogenase family that consists of three members, LDH-A, LDH-B and LDH-C; members of this family function as powerful markers for germ cell tumors. LDH-B is an oxidoreductase that catalyzes the interconversion of pyruvate and lactate with concomitant interconversion of NADH and NAD+. It converts pyruvate to lactate when oxygen is absent or in short supply and it performs the reverse reaction during the Cori cycle in the liver. It is also called Hydroxybutyrate Dehydrogenase (HBD) due to its ability to catalyze the oxidation of hydroxybutyrate. This recombinant protein can be used for biological assays.
Other Notes	Small volumes of LDH-B 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.
Searchable Terms for LDH-B purchase	MBS8432635 is a recombinant protein targeting LDH-B. Also known as Human LDH-B Recombinant Protein N-6 His Tag. Host: E Coli.

ADDITIONAL DETAILS

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

Protein Family	L-lactate dehydrogenase
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