

Human LDH-B protein, His tag (active)

Cat. No. GTX67084-pro

Applications Functional Assay**Species** Human**Package**

100 µg

Applications

Application Note

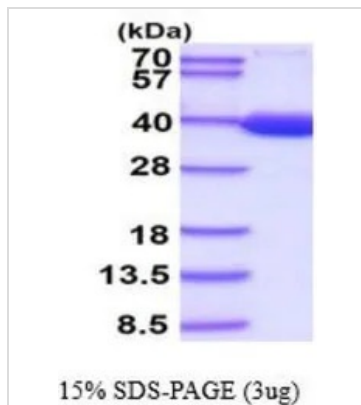
Specific activity is > 300 units/mg, in which one unit will convert 1.0 µmole of pyruvate to L-lactate and beta-NAD per minute at pH 7.5 at 37°C.

Properties

Form Liquid**Buffer** 20mM Tris-HCl, 10% Glycerol, 1mM DTT**Preservative** No preservatives**Storage** Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.**Concentration** 1 mg/ml (Please refer to the vial label for the specific concentration.)**Region/Sequence** Full length protein, N-terminal His-Tag; Length: 354 a.a. Sequence: MGSSHHHHHH SGLVPRGSH MATLKEKLIAPVAEEETVP NNNKIVVGVG QVGMACAISI LGKSLADELA LVDVLEDKLG GEMMDLQHGSLFLQTPKIVA DKDYSVTANSKIVVVTAGVR QQEGESRLNL VQRNVNVFKF IIPQIVKYSP DCIIIVVSNP VDILTYVTWK LSGLPKHRVI GSGCNLDSAR FRYLMAEKLGIHPSSCHGWI LGEHGDSSVA VWSGVNVAGV SLQELNPEMG TDNDSSENWKE VHKNMVESAY EVIKLKGTYN WAIGLSVADLIESMLKNLSR IHPVSTMVKG MYGIENEVFL SLPCILNARG LTVINQKLK DDEVAQLKKS ADTLWDIQKD LKDL**Expression System** E. coli**Purity** > 95% by SDS-PAGE.**Endotoxin** < 1.0 EU/µg (determined by LAL method)**Conjugation** Unconjugated**Note** For In vitro laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

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DATA IMAGES



GTX67084-pro Image

3 μ g of GTX67084-pro Human LDH-B protein (active) by SDS-PAGE under reducing condition and visualized by coomassie blue stain



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