

Idha protein, His tag (active)

Cat. No. GTX66894-pro

Applications	Functional Assay
Species	E. coli

Package
20 µg

Applications

Application Note

Specific activity is > 200 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

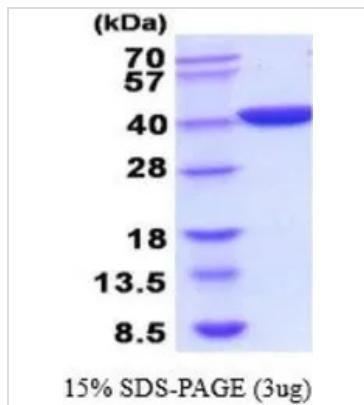
Form	Liquid
Buffer	20mM Tris-HCl, 100mM NaCl, 10% Glycerol
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw 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: 353 a.a. Sequence: MGSSHHHHHH SSGLVPRGSH MATLKEKIA PVAEEEAATVP NNKITVGVG QVGMACAI SI LGKSLADELA LVDVLEDKLK GEMMDLQHGS LFLQTPKIVA DKDYSVTANS KIVVVTAGVR QQEGESRLNL VQRNVNVFKF IIPQIVKYSP DCIIIVSNP VDILTYVTWK LSGLPKHRVI GSGCNLDSAR FRYLMAEKLG IHPSSCHGW LGEHGDSVA VWSGVNVAGV SLQELNPEMG TDNDSENWKE VHKMVVESAY EVIKLKGYTN WAIGLSVADL IESMLKNLSR IHPVSTMVKG MYGIEEVFL SLPCILNARG LTSVINQKLK DDEVAQLKKS ADTLWDIQKD LKDL
Expression System	E. coli
Purity	> 95% by SDS-PAGE.
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



GTX66894-pro Image

3 µg of GTX66894-pro Idha protein (active) by SDS-PAGE under reducing condition and visualized by coomassie blue stain



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