

Mouse MDH2 protein, His tag (active)

Cat. No. GTX67092-pro

Applications	Functional Assay	Package
Species	Mouse	20 µg

Applications

Application Note

Specific activity is > 800 units/mg, and is defined as the amount of enzyme that cleaves 1.0 µmole of oxaloacetate and beta-NADH to L-malate and beta-NAD per minute at pH 8.0 at 37°C

Properties

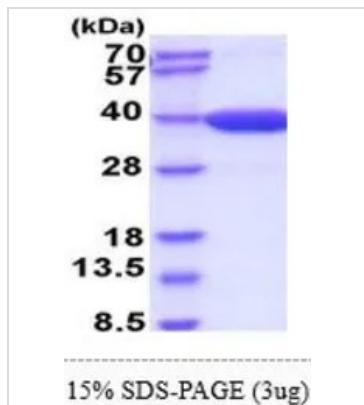
Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Region/Sequence	N-terminal His-Tag; Length: 335 a.a. Sequence: MGSSHHHHHSSGLVPRGSH MAKAVLGAS GGIGQPLSLL LKNSPLVSRL TLYDIAHTPG VAADLSIET RANVKGYLGP EQLPDCLKGC DVVVIPAGVP RKPGMTRDDL FNTNATIVAT LTAACAQHCP EAMVCIIANP VNSTIPITAE VFKKHGKVYNP NKIFGVTTLD IVRANTFVAE LKGLDPARVN VPVIGGHAGK TIPLISQCT PKVDFPQDQL ATLTGRIQEAE GTEVVAKAG AGSATLSMAY AGARFVFSLV DAMNGKEGVV ECSFVQSKET ECTYFSTPLLGKKGLEKNL GIGKITPFEEM KmiaEAIPK KASIKKGDEFVKNMK
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



GTX67092-pro Image

3 µg of GTX67092-pro Mouse MDH2 protein (active) by SDS-PAGE under reducing condition and visualized by coomassie blue stain



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