

Human IDH1 protein, His tag (active)

Cat. No. GTX67054-pro
Applications Functional Assay

Species Human

Package

100 µg

Applications

Application Note

Specific activity is > 18000 pmol/min/µg. One unit will oxidize 1.0 pmole of DL-Isocitrate to D alpha-Ketoglutarate per minute in the presence of beta-NADP at pH 7.4 at 37°C.

Properties

Form Liquid

Buffer 20mM Tris-HCl, 100mM NaCl, 20% Glycerol, 1mM DTT, 0.1mM PMSF

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: 434 a.a. Sequence: MGSSHHHHHH SSGLVPRGSH MSKKISGGSV VEMQGDENR IIVELIKEKL IFPYVELDLH SYDLGIENRD ATNDQVTKDA AEAIKKHNVG VKCATITPDE KRVEEFKLKQ MWKSPNGTIR NILGGTVFRE AIICKNIPRL VSGWVKPIII GRHAYGDQYR ATDFVPGPG KVEITYTPSD GTQKVTVLVH NFEEGGGVAM GMYNQDKSIE DFAHSSFQMA LSKGWPLYLS TKNTILKKYD GRFKDIFQEI YDKQYKSQFE AQKIWYEHRL IDDMVAQAMK SEGGEFIWACK NYDGDVQSDS VAQGYGSLGM MTSVLVCPDG KTVEAEAAHG TVTRHYRMYQ KGQETSTNPI ASIFAWTRGL AHRAKLDNNK ELAFFANALE EVSITIEAG FMTKDLAACI KGLPNVQRSD YLNTFEFMDK LGENLKIKLA QAKL

Expression System E. coli

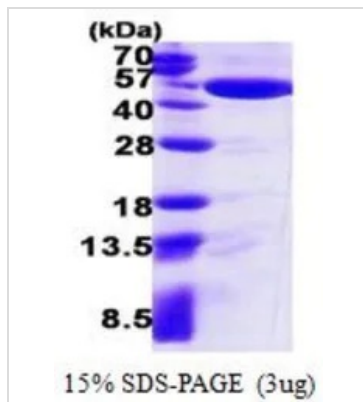
Purity > 95% by SDS-PAGE.

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



GTX67054-pro Image

3 μ g of GTX67054-pro Human IDH1 protein (active) by SDS-PAGE under reducing condition and visualized by coomassie blue stain



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