

## Mouse ALDH2 protein, His tag (active)

Cat. No. GTX66920-pro

**Applications** Functional Assay**Species** Mouse**Package**

10 µg

## Applications

## Application Note

Specific activity is > 180 pmol/min/µg, and was obtained by measuring the increase of NADH in absorbance at 340 nm resulting from the reduction of NAD at pH 8.0 at 25°C.

## Properties

**Form** Liquid**Buffer** PBS, 20% 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** 0.5 mg/ml (Please refer to the vial label for the specific concentration.)**Region/Sequence**

N-terminal His-Tag; Length: 523 a.a. Sequence: MGSSHHHHHH SSGLVPRGSH MGSSAAATSA VPAPNHQPEV FCNQIFINNE WHDAVSRKTF PTVNPSTGEV ICQVAEGNKE DVDKAVKAAR AAFQLGSPWR RMDASDRGRL LYRLADLIER DRTYLAALET LDNGKPYVIS YLVDLDMVLK CLRYAGWAD KYHGKTIPID GDFFSYTRHE PVGVCQIIP WNFPLMQAW KLGALATGN VVMKVAEQT PLTALYVANL IKEAGFPPGV VNIVPGFGPT AGAAIASHEG VDKVAFTGST EVGHLIQVAA GSSNLKRVTLELGGKSPNII MSDADMDWAV EQAHFALFFN QGQCCAGSR TFVQENVYDE FVERSARAK SRVVGPNPFDSETEQGPQVDE TQFKKILGYI KSGQQEGAKL LCGGGAAADR GYFIQPTVFG DVKDGMTIAK EEIFGPVMQI LKFKTIEEV GRANDSKYGL AAVFTKDLK KANYLSQALQ AGTVWINCYD VFGAQSPFGG YKMSGSGREL GEYGLQAYTE VKTVTKVPQ KNS

**Expression System** E. coli**Purity** > 95% by SDS-PAGE.**Endotoxin** < 0.1 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



### GTX66920-pro Image

3  $\mu$ g of GTX66920-pro Mouse ALDH2 protein (active) by SDS-PAGE under reducing condition and visualized by coomassie blue stain



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