

Human ALDH3A1 protein, His tag (active)

Cat. No. GTX66921-pro

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

50 µg

Applications

Application Note

Specific activity is > 5000 pmol/min/µg. It was obtained by measuring the increase of NADPH in absorbance at 340 nm resulting from the reduction of NADP at pH 9.0 at 37°C.

Properties

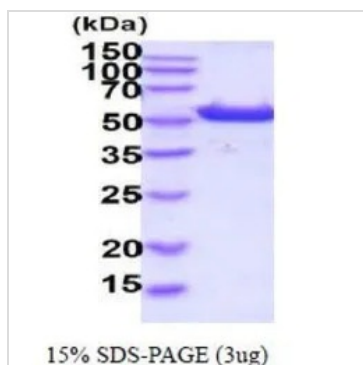
Form Liquid**Buffer** 20mM Tris-HCl, 100mM NaCl, 10% Glycerol**Preservative** No preservatives**Storage** Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.**Concentration** 0.5 mg/ml (Please refer to the vial label for the specific concentration.)**Region/Sequence**

Full length protein, N-terminal His-Tag; Length: 473 a.a. Sequence: MGSSHHHHHH SSGLVPRGSH MSKISEAVKR
ARAAFSSGRT RPLQFRIQQL EALQRILQEQ EQELVGALAA DLHKNEWNAV YEEVVVLEE IEYMIQKLPE WAADEPVEKT
PQTQQDELYI HSEPLGVVLV IGTWNYPFNL TIQPMVGAIA AGNAVLKPS ELSENMASLL ATIIPQYLDK DLYPVINGGV PETTELLKER
FDHILYTGST GVGKIIMTAA AKHLTPVTLE LGGKSPCYVD KNCDLDVACR RIAWGKFMNS GQTCVAPDYI LCDPSIQNQI
VEKLKSLKE FYGEDAKKSR DYGRISARH FQRMGLIEG QKVAYGGTGD AATRYIPTI LTDVDQSPV MQEEIFGPVL PIVCVRSLEE
AIQFINQREK PLALYMFSSN DKVIKKMIAE TSSGGVAAND VIVHITLHSL PFGGVGNSGM GSYHGKKSFE TFSHRRSCLV
RPLMNDEGLK VRYPPSPAKM TQH

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



GTX66921-pro Image

3 μ g of GTX66921-pro Human ALDH3A1 protein (active) by SDS-PAGE under reducing condition and visualized by coomassie blue stain



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