

Human AKR1B1 protein (active)

Cat. No. GTX66910-pro

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

100 µg

Applications

Application Note

Specific activity is > 800 pmol/min/µg, and is defined as the amount of enzyme that catalyze the reduction of 1.0 pmole DL-glyceraldehyde in the presence of NADPH per minute at pH 7.0 at 37°C.

Properties

Form Liquid**Buffer** 20mM Tris-HCl, 10% 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** 1 mg/ml (Please refer to the vial label for the specific concentration.)**Region/Sequence** Full length protein, Length: 316 a.a. Sequence: MASRLLLNNG AKMPILGLGT WKSPPGQVTE AVKVAIDVGY RHIDCAHVYQ NENEVGVAIQ EKLREQVVKR EELFIVSKLW CTYHEKGLVK GACQKTLSDL KLDYLDLYLI HWPTGFKPGK EFFPLDESGN VVPSDTNILD TWAAMEELVD EGLVKAIGIS NFNHLQVEMI LNKPGLYKP AVNQIECHPY LTQEKLQYC QSKGIWVTAY SPLGSPDRPW AKPEDPSLLE DPRIKAIKAK HNKTTAQVLI RFPMQRNLVW IPKSVTPERI AENFKVDFE LSSQDMTLL SYNRRNWRVCA LLCTSHKDY PFHEEF**Expression System** E. coli**Purity** > 95% by SDS-PAGE.**Endotoxin** < 1.0 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



GTX66910-pro Image

3 μ g of GTX66910-pro Human AKR1B1 protein (active) by SDS-PAGE under reducing condition and visualized by coomassie blue stain



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