

Human Carbonic Anhydrase 1 protein, His tag (active)

Cat. No. GTX66934-pro

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

20 µg

Applications

Application Note

Specific activity is > 300 pmol/min/µg, and is defined as the amount of enzyme that hydrolyze 1.0 pmole of 4-nitrophenyl acetate to 4-nitrophenol per minute at pH 8.0 at 37°C.

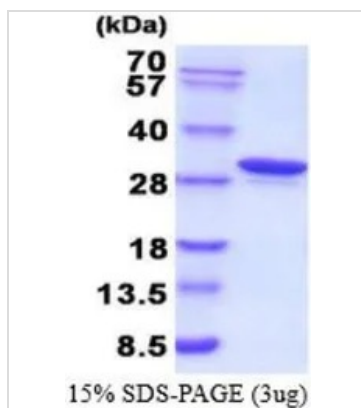
Properties

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, N-terminal His-Tag; Length: 281 a.a. Sequence: MGSSHHHHHH SSGLVPRGSH MASPDWGYDD KNGPEQWSKL YPIANGNNQS PVDIKTSEK HDTSLKPISV SYNATAKEI INVGHSHFVN FEDNDNRSVL KGGPFSDSYR LFQHFHWGS TNEHGSEHTV DGVKYSALH VAHWNSAKYS SLAEAASKAD GLAVIGVLMK VGEANPKLQK VLDALQAIKT KGKRAPFTNF DPSTLLPSSL DFWTYPGSLT HPPLYESVTW IICKESISVS SEQLAQFRSL LSNVEGDNAV PMQHNNRPTQ PLKGRTVRAS F**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



GTX66934-pro Image

3 μ g of GTX66934-pro Human Carbonic Anhydrase 1 protein (active) by SDS-PAGE under reducing condition and visualized by coomassie blue stain



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