

Human Carbonic Anhydrase II protein (active)

Cat. No. GTX66936-pro

Applications Functional Assay

Species Human

Package

100 µg

Applications

Application Note

Specific activity is > 7000 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, 50mM NaCl, 1mM DTT, 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 1 mg/ml (Please refer to the vial label for the specific concentration.)

Region/Sequence

Full length protein, Length: 260 a.a. Sequence: MSHHWGYGKH NGPEHWHKDF PIAKGERQSP VDIDHTAKY DPSLKPLSVS YDQATSLRIL NNGHAFNVEF DDSQDKAVLK GGPLDGTYRL IQFHFHWGSL DGQGSEHTVD KKKYAAELHL VHWNTKYGDF GKAVQQPDGL AVLGIFLKVG SAKPGLQKV DVLDSIKTKG KSADFTNFDP RGLLPESLDY WTPGSLTTP PLLECVTWIV LKEPISVSSE QVLKFRKLNFGEGEPEELM VDNWRPAQPL KNRQIKASFK

Expression System E. coli

Purity > 95% by SDS-PAGE.

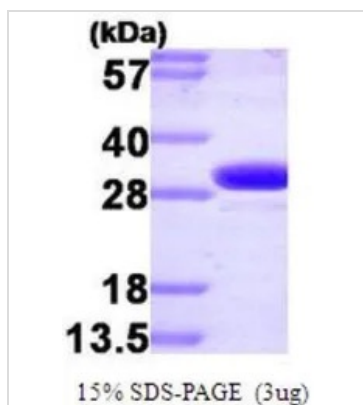
Conjugation Unconjugated

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



GTX66936-pro Image

3 μ g of GTX66936-pro Human Carbonic Anhydrase II protein (active) by SDS-PAGE under reducing condition and visualized by coomassie blue stain



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