Human Carbonic Anhydrase 14 protein, His tag (active)

Cat. No. GTX66935-pro

Applications	Functional Assay
Species	Human

Package
100 µg

Applications

Application Note

Specific activity is > 700 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 7.5 at 37ºC.

Properties

Form	Liquid
Buffer	20mM Tris-HCl, 150mM NaCl, 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 4ºC. For long-term storage, aliquot and store at -20ºC 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: 298 a.a. Sequence: MGSSHHHHHH SSGLVPRGSH MGSADGGQHW TYEGPHGQDH WPASYPECGN NAQSPIDIQT DSVTFDPDLP ALQPHGYDQP GTEPLDLHNN GHTVQLSLPS TLYLGGLPRK YVAAQLHLHW GQKGSPGGSE HQINSEATFA ELHIVHYDSD SYDSLSEAAE RPQGLAVLGI LIEVGETKNI AYEHILSHLH EVRHKDQKTS VPPFNLRELL PKQLGQYFRY NGSLTTPPCY QSVLWTVFYR RSQISMEQLE KLQGTLFSTE EEPSKLLVQN YRALQPLNQR MVFASFIQAG SSYTTGEM
Expression System	E. coli
Purity	> 85% 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.

For full product information, images and publications, please visit our website.

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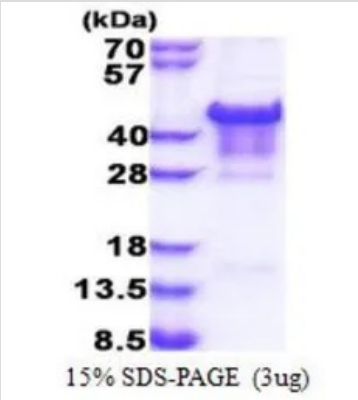
DATA IMAGES



GTX66935-pro Image

3 µg of GTX66935-pro Human Carbonic Anhydrase 14 protein (active) by SDS-PAGE under reducing condition and visualized by coomassie blue stain

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