

Datasheet for ABIN5623641
CA1 Protein (AA 1-261) (His tag)



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Overview

Quantity:	20 µg
Target:	CA1
Protein Characteristics:	AA 1-261
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This CA1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	1-261 aa: MGSSHHHHHH SSSLVPRGSH MASPDWGYDD KNGPEQWSKL YPIANGNNQS PVDIKTSETK HDTSLKPISV SYNATAKEI INVGHSFHVN FEDNDNRSVL KGGPFSDSYR LFQHFHWGS TNEHGSEHTV DGVKYSALH VAHWNSAKYS SLAEAASKAD GLAVIGVLMK VGEANPKLQK VLDALQAIKT KGKRAPFTNF DPSTLLPSSL DFWTYPGSLT HPPLYESVTW IICKESISVS SEQLAQFRSL LSNVEGDNAV PMQHNNRPTQ PLKGRTVRAS F
Characteristics:	Purified Recombinant Carbonic anhydrase 1 protein (His tagged)
Purification:	Purified
Purity:	> 95 % pure
Biological Activity Comment:	Specific activity is > 300 pmol/min/ug, 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 37C.

Target Details

Target: CA1

Alternative Name: Carbonic anhydrase 1 ([CA1 Products](#))

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Supplied in liquid form in 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 10 % glycerol

Storage: 4 °C/-20 °C

Storage Comment: Store at 4 deg C short term (1-2 weeks). For long term storage, aliquot and store at -20 or -70 deg C. Avoid repeated freezing and thawing cycles.