

Datasheet for ABIN5623634

Carbonic Anhydrase Protein (CA) (AA 1-220) (His tag)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Carbonic Anhydrase (CA)
Protein Characteristics:	AA 1-220
Origin:	E. coli
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This Carbonic Anhydrase protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	1-220 aa: MGSSHHHHHH SGLVPRGSH MKDIDTLISN NALWSKMLVE EDPGFFEKLA QAQKPRFLWI GCSDSRVPAE RLTGLEPGEL FVHRNVANLV IHTDLNCLSV VQYAVDVLEV EHIICGHHY GCGVQAAVEN PELGLINNLW LHIRDIWFKH SLLGEMPQE RRLDTLCELN VMEQVYNLGH STIMQSAWKR GQKVTIHGWA YGIHDGLLRD LDVTATNRET LEQRYRHGIS NLKCLKHANHK
Characteristics:	Purified Recombinant Carbonic anhydrase protein (His tagged)
Purification:	Purified
Purity:	> 95 % pure
Biological Activity Comment:	Specific activity is > 1,000 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 7.5 at 37C.

Target Details

Target:	Carbonic Anhydrase (CA)
Alternative Name:	Carbonic anhydrase (CA 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.