

Product datasheet for **SC209094**

Carbonic Anhydrase II (CA2) (NM_000067) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: Carbonic Anhydrase II (CA2) (NM_000067) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: CA2
Synonyms: CA-II; CAC; CAII; Car2; HEL-76; HEL-S-282
ACCN: NM_000067
Insert Size: 734 bp
Insert Sequence: >SC209094 3'UTR clone of NM_000067
The sequence shown below is from the reference sequence of NM_000067. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AACAGGCAAATCAAAGCTTCCTTCAAATAAGATGGTCCCATAGTCTGTATCCAAATAATGAATCTTCGG
GTGTTCCCTTTAGCTAAGCACAGATCTACCTTGGTGATTGGACCCTGGTTGCTTTGTGTCTAGTTTT
CTAGACCCTTCATCTCTTACTTGATAGACTTACTAATAAAATGTGAAGACTAGACCAATTGTCATGCTT
GACACAACCTGCTGTGGCTGGTTGGTGCTTTGTTTATGGTAGTAGTTTTCTGTAACACAGAATATAGGA
TAAGAAATAAGAATAAAGTACCTTGACTTTGTTTACAGCATGTAGGGTGATGAGCACTCACAAATTGTTG
ACTAAAATGCTGCTTTTAAACATAGGAAAGTAGAATGGTTGAGTGCAAATCCATAGCACAAAGATAAAT
TGAGCTAGTTAAGGCAAATCAGGTAATAATGATCATGATTCTATGTAATGTAACCAGAAAAATAAATG
TTCATGATTTCAAGATGTTATATTAAGAAAACTTTAAAAATTATTATATTTATAGCAAAGTTATC
TTAAATATGAATTCTGTTGTAATTAATGACTTTTGAATTACAGAGATATAAATGAAGTATTATCTGTA
AAAATTGTTATAATTAGAGTTGTGATACAGAGTATATTTCCATTCAGACAATATATCATAACTTAATAA
ATATTGATTTTATAGATATATTCTCTAATAAAATTCAGAATTCTA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites:

Sgfl-Mlul

OTI Disclaimer:

Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).



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Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_000067.3</u>
Summary:	The protein encoded by this gene is one of several isozymes of carbonic anhydrase, which catalyzes reversible hydration of carbon dioxide. Defects in this enzyme are associated with osteopetrosis and renal tubular acidosis. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2014]
Locus ID:	760
MW:	28.2