

Product datasheet for **SC213720**

Carbonic anhydrase X (CA10) (NM_001082534) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Carbonic anhydrase X (CA10) (NM_001082534) Human 3' UTR Clone
Symbol:	Carbonic anhydrase X
Synonyms:	CA-RPX; CARPX; HUCEP-15
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001082534
Insert Size:	1262 bp



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Insert Sequence: >SC213720 3' UTR clone of NM_001082534
The sequence shown below is from the reference sequence of NM_001082534. The complete sequence of this clone may contain minor differences, such as SNPs. **Red**=Cloning site
Blue=Stop Codon

CAATTGGCAGAGCTCAGAATTCAG**CGATCGC**

TGAATGGCTCCTCAAG**TAG**GGAAACAAAGCCAAGAAGAATCCCACCTCAGTGAAATGCTACAACCTGTGAAT
TGACGTAACCTAGAATGTCCCCCTTCTTGCTTCTCTCTCTTCTTCCCCAAGCCTCATTATTCTTGG
GATTGGCCCTTCTTTCATGAAAAGTGTCTGCAAAACCATGGCAGAGGAATACATCTCTCACACATACTCA
CAAACACACACAAGCACTTGCACATACATACAAACACATGCAAACATACCTACACACACACACTCT
TACAACCTCCATCATGGGAAGTCAAGTTTCAGAAACAAAAGTCTCATTATAAGAGGTCTTAGAAGAAAA
TAACCAGTTAACCTGATTTCAATTTTGATACCGTTTTCTGAACATAATAATCTACCCAATGAGACTTTT
CAGCCTTTGTACATAAAAATTCTTCCAAAAGAGAGAGGAGAAAATACAGCTCTGATGGCATCAAACGGA
CTTTGCATCAAGTAATTCAGATAGTGTCTTAGGATCCTTTGAGGGTGTGGTAGCAGGTGAGCAGGACA
AAGTTGACCAAGGACACTTATTTCTAGATTATGATTCTTCTGTTTACTCAACAATTTACAAGAAAAAAA
GGACAGACATTGAAGAGCTACACATTGTATATATATACCACAGACTATAAGGAAATGGAATTATTTCCC
TCTTTGTCACATATCTGTAGTAGGATTTGCCAAGATCAGAAATGATCCATTTGCTGTTTCTGTTTTCCA
AAGTTCATACATTGTGTTTGGTTATTGTTACCAGCTCAATAAATGTGTTTAAACGAGTTAATTTCAATTTT
CTGGCTTTGGTCTGTTCTCCTTACAGGCTAAGCCCTGGCTCCATGCAACTGCATTTTGTATTCA
CTTGTCTTTCATCTACATGTTTGTTCATTTGCAGCCAGTTTTTACTGAGTTTGTGGCAATCAGGAATG
CATTGTGCTAAGCAAGTATGACTTTAATTCACCTCCATGGCTCAATCATTACATGAGGTGAGCTTCAGCC
TGAGATAGCAGGCGACAGACTTCTTGCCTTCAAACCTGCCATGCCCCCTGTGATGCTCCCGTGAAGGA
ATGCACTTTGCCTTGTAAAGTTCTGGGAAAGGGGTATGTTTTCTCCAGGTGCAGCCAGATCTCACAAA
GTACAAAACGAATGCCTTTCTTTTCTGTTTATAATGGTCACTCACTGTGTTTGGTTACTGTCAAGAAAT
CA

ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCG

Restriction Sites: SgfI-MluI

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).

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: [NM_001082534.1](#)

Summary: This gene encodes a protein that belongs to the carbonic anhydrase family of zinc metalloenzymes, which catalyze the reversible hydration of carbon dioxide in various biological processes. The protein encoded by this gene is an acatalytic member of the alpha-carbonic anhydrase subgroup, and it is thought to play a role in the central nervous system, especially in brain development. Multiple transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]

Locus ID: 56934