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Product datasheet for RC209723L1V

Carbonic anhydrase X (CA10) (NM_001082533) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Carbonic anhydrase X (CA10) (NM_001082533) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Carbonic anhydrase X
Synonyms:	CA-RPX; CARPX; HUCEP-15
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_001082533
ORF Size:	984 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC209723).`
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_001082533.1, NP_001076002.1
RefSeq Size:	3386 bp
RefSeq ORF:	987 bp
Locus ID:	56934
UniProt ID:	Q9NS85
Cytogenetics:	17q21.33-q22
Protein Families:	Druggable Genome
MW:	37.6 kDa

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Gene 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]