

Product datasheet for **SC217291**

MCT2 (SLC16A7) (NM_004731) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	MCT2 (SLC16A7) (NM_004731) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	SLC16A7
Synonyms:	MCT2
ACCN:	NM_004731
Insert Size:	2000 bp



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Insert Sequence: >SC217291 3'UTR clone of NM_004731
 The sequence shown below is from the reference sequence of NM_004731. 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
GTAACTCAGAAAGAGAACTAACATTAAACAAGAATCACATCTCTGATTTCAAGTGTATGACTTTAT
CTAGGAGTTTGTTTTTTCAATTTTGTTTTTTAAAGTATTAGAAAAGTTTTAGCTGAAATGAGGAGTCAC
AATTAAGGATGGAGGTGATATTTTCTCAATGGCAAATTTAAATTAGTTTTTAAAACTTACTTATTT
GGGTAGTTAAATTTTGGATTATGCATAGAAAAGATCCATGCTATAGTTTTATTTCCATACCTGACTCT
GGGTGTGGTGGTAAAATACTAATTTTAAAGTCTTCCAGTGACTTTCCGGTCTTGGTTATATGGAGAATT
CTGAATCCCAAACCCCTGGTTAAAGTAGGTAGAAGGAGGATGCCTAATCTACAAAGTGACCCTTTATA
CATTTTCAATTTTTATTTGATATTAAGTATGAGATAGAGTTGAGAGACAATTAATATCCCTCTTACA
CACAAACACACATACTCCACATACTTACCACATGTACACAGAGTATCTGGAGAATAAAACCCAAATT
CAAAAAAAAAAATGATAATTTATTTTAAAGTAAATAATCCATGAAGATAAAAGAAACATATGTCTG
CGTGCTACTTTACAATGTTGGTTTTAAAGATAAGCACATGGGTAAAAATGAGGGTATCCTTATTCAA
AATAACATCTGACTACTATAAAAAATTTGCATATATAAGTTTGACAAAGAAAAGAAAATCAATGTTAA
ACCATTAATCTGAGCACTGTTAGACTTGATTAATCCATGCACATGATTTTTTTTGGAGTGGGAGCATT
AGTACCTGGTGTAGAGAATAGAACCCTCAAATAATTTTTAGAAATCTTACCTAATATGAAAAGTCTG
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CCTAGTTGGCAGGATTGTAAGTAGACCGAATTCTAATTTTTCCCAACACATAGTGGTAATTGGAGGTTA
CTGTTATGAATACTCCATCTGACTACGACTAAGAGAGTGAGGGGTGGTTTTAATGAACCCCTAAGCTC
TCTCAGTTCCTTCCCTTCCACAAAATGCAAGAGCAAAAGCAAACACTACAAACAGGCCTTGTGCTCAACCA
CTGAAAATGCCTCCTGGGATAAGAATGGCAGCACTTGAAAATTTCTGCCCTCTACTGATGAGACTTCTG
CTGCCCTTTGGACATAACTAAGCCAGGAACTTTAAAAGCCTTCTAGAAATAGAGGCACTGTATGACTTG
CAATCGTAGGTATAGTTTATAACCTGATAGCAAAAACTTGAATATTGCAGCCCAAGTTAATTCAGCA
CTTTCCCATTTTCATAACTATGTGAAAACATCTGGGAATTTGAATCACTCCTGAATACAGAGGCATATT
CTTTTTAACTATAAATACCATTTTGGTGGAGAAAGTACTTTTAAACAAGAAAGAAATTTGACATTATG
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TAGTGCTTGACAAAGTAGTGCACTCTTAAAGATGTCAAAGGGAATTAGCCATTTTTTTTTATTGTAATAA
AGGCAGGTGCTATTTTTTCTGGTGAGATTGCACCTGGATACCAGGCTTTTGTAAATGTTAACATTTAAA
CATTTGATTACATAAAGTTAATTCAGTCTTAAAGCATGTGGCTCATATTTAGGAAGCTATATAAAATTC
GTTTTTCAATTTAACATTTGCTCTTTTGCATATGAAGAGATATTTGATTTTTTCAATGTTAAGTAAAC
AAGATGTGCCAATATCATAGGTAATAAATTAGGGAAAATGTGGGACTTTATGGCTGTTTTAATTTA
ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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_004731.5](#)

Summary: This gene is a member of the monocarboxylate transporter family. Members in this family transport metabolites, such as lactate, pyruvate, and ketone bodies. The protein encoded by this gene catalyzes the proton-linked transport of monocarboxylates and has the highest affinity for pyruvate. This protein has been reported to be more highly expressed in prostate and colorectal cancer specimens when compared to control specimens. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2012]

Locus ID: 9194

MW: 78.4