

Product datasheet for **SC203239**

SLC5A10 (NM_152351) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SLC5A10 (NM_152351) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	SLC5A10
Synonyms:	SGLT-5; SGLT5
ACCN:	NM_152351
Insert Size:	2000 bp



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Insert Sequence: >SC203239 3'UTR clone of NM_152351
 The sequence shown below is from the reference sequence of NM_152351. 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
AACATATTCTTTTATGCCTACTTCGCCTGACACTGCCATCCTGGACAGAAAGGCAGGAGCTCTGAGTCC
TCAGGTCCACCCATTTCCCTCATGGGGATCCCGAGGCCCAAGAGGGGCAGATTCCCTCACAGCTGCA
CAGCAGCTCGGTGCCAAGAAGTGGCAAGCCAGCAAAGCGGGAGCCCTGAAAAATTAGGGGGAAATG
GGAGAAAAATAATGTGACATTTCAAAAACAGCACCAAAGCAGTCAGCATTGGAAGGAAATAGATTTCT
GACGGACATCCTGATGTTGGTTTTACTGTTTTCGTTTTGAATACACAGGCTGGGTGAGGAGCAGTGAGA
TTTGCCAGCACTCAGGGTCTAAGGGTCTTGGCCAGCTCTGGATGGAGGAAGAGCCACATGCCAG
AGCAAGGCCCCCATTAAGGGACTGCAGCCACCTCCAAGGGCTCCTCCCTCCACCACCGGCTCCAAA
TGCCAGAGGGAGCCTCTTCGCCCTCCCTCCCTGCCACCATCCCTCAACCATCAGCTGGGTTCAAAG
CCTTTCCAAGTCCACCTCACTTTCCCTCCTCCAAGGTGCCAGGCTCTGGGCAGGCCCTGCTCATA
TCCTGATCATGGCACATTCTCTGGAGGACCCTCCTGTTCTCGGGTAGGGGCCGTGCCCCACCTAGGTA
GCCGTCCCATGTGGGATCCTGTAGGATCTCTAAAACCTAGCTCTGGCCCCAATTCTGTCTGCCCTGG
AGGTTTCTCAGCTCCTGAGAGCTCTGTGGGCCCGGTCTGGGCAGAACCTGGGCCTAAACAAACAAG
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GTCTGTCCAGTGAGTTTAGTCAACAGGTGTGCAGTCTGTCTCGAGGCTGAGCCACCTCCCAACAGC
CTGAACAACCTCCAGGGGCTTTTGAGGGAGGGGCAGGCAGGCCAGTGGGTGGTCAGCCCAAGGTGAAC
CCACCCACCATGGCCAGGTTCCCTTAGGTTGAGCTCCAGTGGGTGAAACCTGGGAGTCTCAACCTTC
CTGGCAGATGGGGCCATTGACAAGAGGAGGTGGGCCGGGCCTCCACAGACTCCGCCCTGTGGTGTACA
CAGCTGGCAGCCAATGGAAGCAACCAGCCAGGAAGCCCCGGAGCTACCTTGCTGGGTACCCTTGCTG
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CCGTCCACTGAGCCCGTGTGACTCTGACAGAGCTGGGGGTGCCATGTCCTCTCTGGACCTCAGTTCC
TGTA AAAAAGCCGTTGGCCAGATCGGCCGCCGGGCTGCTCACAGGTGCACGGGCTGCACGTAACCCG
TGGGAAGAAGCCAACGCGCCCGCAGGACCGGCCCGCCACCAGTGGGGTCTGGGCGCTCCAGGACCTC
AATGATGTCGCCACGGCGGAAGCTGAGCTGCGAGGGTCTGGGCTGAGAAGTCAAACCTGGGCTGGGC
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ACCTCCCTCAGAGGCACCCAAGAGAAGTGATTTGCCACAGGTGAGGAGGGGTCTCGGGCAGCACCGGA
GTTGAACTTAAGTCCAGATCAATGGTAGTGCCACCACTGGGCTCCTGTGCCACACCCTGCCTGT
CTGCTGTGCAGATGCTGCATCTACATAGAACACGGCTTTCCAGCCGCCAGCTGGGACAATAGGGCT
ACGCGT AAGCGGCCCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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_152351.6](#)

Summary:

This gene is a member of the sodium/glucose transporter family. Members of this family are sodium-dependent transporters and can be divided into two subfamilies based on sequence homology, one that co-transportes sugars and the second that transports molecules such as ascorbate, choline, iodide, lipoate, monocarboxylates, and pantothenate. The protein encoded by this gene has the highest affinity for mannose and has been reported to be most highly expressed in the kidney. This protein may function as a kidney-specific, sodium-dependent mannose and fructose co-transporter. Alternative splicing results in multiple transcript variants that encode different protein isoforms. [provided by RefSeq, Jul 2012]

Locus ID:

125206

MW:

70