

Product datasheet for **SC212175**

SLC5A8 (NM_145913) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SLC5A8 (NM_145913) Human 3' UTR Clone
Symbol:	SLC5A8
Synonyms:	AIT; SMCT; SMCT1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_145913
Insert Size:	1816 bp



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Insert Sequence: >SC212175 3'UTR clone of NM_145913
The sequence shown below is from the reference sequence of NM_145913. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AGTGGCAAGAGCAATGGGACTCGTTTGTGAAGCTGCTCTGATACTAGATATCCTTAAATGATGTTTCAA
TTTTATATGTTTTCTAAGATAATTGGATCAGGTTTTCTTTGTGTGTGTGTGTGTGTGTATCATGAGTG
TTTGGGGGATAAGTTTTGTAAACAAAGTCTGGACTATCTTCATTTACTACATCATTAATTGATGTT
ACTCTGGAGTTTAGAATTCTGGCATTGACATTTCCCTCTCTTTCTTTATTTTCGATGAAGCTATAATTG
TGAAAATTGTAACATAGATGCTGAAAGGCTAATACACACATATGCACATGTATTTGATTGTCAAAG
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AGCAATGAGGTAAACAGGTCTGTGTGTCTAGATCTTTGCTTTTTATCCCCCTATCAGTCCAGGGCATAT
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CCTATCAACTTGGGTTTTATTGTGCACTCTAAGTGAAGCTTGTCTTCAATTTTCTGTTTATTGCCTG
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ATGATGGCTCATGCTTGAATCTGAACATTTGGGAGGCTGAGGCAGGAAGATCGCTTGAAGTCCAGAGT
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GCCCAGGATTTCAAGGCTGCATTGAGCTATGATTACACCACTGCACTCCAGCCTGGGTAACAGAGTGAA
ATCTTGTCTCTGGGAAAAAAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: Sgfl-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_145913.5](#)

Summary: SLC5A8 has been shown to transport iodide by a passive mechanism (Rodriguez et al., 2002 [PubMed 12107270]) and monocarboxylates and short-chain fatty acids by a sodium-coupled mechanism (Gopal et al., 2004 [PubMed 15322102]). In kidney, SLC5A8 functions as a high-affinity sodium-coupled lactate transporter involved in reabsorption of lactate and maintenance of blood lactate levels (Thangaraju et al., 2006 [PubMed 16873376]).[supplied by OMIM, Dec 2008]

Locus ID: 160728

MW: 68.2