

Product datasheet for **SC202921**

SGLT2 (SLC5A2) (NM_003041) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SGLT2 (SLC5A2) (NM_003041) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	SLC5A2
Synonyms:	SGLT2
ACCN:	NM_003041
Insert Size:	264 bp
Insert Sequence:	>SC202921 3'UTR clone of NM_003041 The sequence shown below is from the reference sequence of NM_003041. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GCCGTGTTCTCTGGGGCTTCTATGCC TA GACCAACTGCGTTGGACACCATAAGCCACAGCCTCACAG GAAGTGGGGGTGAGGAGCCTGCGGTGCTCCCCAGAAAAGGGGAAGGGGAGTGGGGTGAAGAAGGTCCCTG GCTCCCCCTTCTCCCGCCTTCTCTGCCTGGGGCCCACTGCATCTGATTGGCAGTCACTTCCCATGAGG GCCTGGCCACCCGCTGCAGTTGCCCTAAGGAAAAATAAAGCTGCCTTTCCCTGTC ACGCGT AAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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:	<u>NM_003041.4</u>



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Summary: This gene encodes a member of the sodium glucose cotransporter family which are sodium-dependent glucose transport proteins. The encoded protein is the major cotransporter involved in glucose reabsorption in the kidney. Mutations in this gene are associated with renal glucosuria. Two transcript variants, one protein-coding and one not, have been found for this gene. [provided by RefSeq, Feb 2015]

Locus ID: 6524

MW: 9.8