

Product datasheet for **SC215261**

SLC2A2 (NM_000340) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SLC2A2 (NM_000340) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	SLC2A2
Synonyms:	GLUT2
ACCN:	NM_000340
Insert Size:	1586 bp



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Insert Sequence: >SC215261 3'UTR clone of NM_000340
 The sequence shown below is from the reference sequence of NM_000340. 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
AAATTCCTAGGAGCTACAGAGACTGTGTAAAAAAAAAAACCTGCTTTTTGACATGAACAGAAACAATAA
GGGAACCGTCTGTTTTAAATGATGATTCTTGAGCATTATATCCACATCTTTAAGTATTGTTTTAT
TTTTATGTCTCATCAGAAATGTCATCAAATATTACCAAAAAAGTATTTTTTAAAGTTAGAGAATAT
ATTTTTGATGGTAAGACTGTAATTAAGTAAACCAAAAAGGCTAGTTTATTTTGTACTAAAGGGCAG
GTGTTTCAATATTTTGTCTGTTCTTTATAACAAGTTCTTCTAAAATTGAAGAGATTTCAACATA
TCATTTTTTAAACACATAACTAGAACTGAGGATGCAACAAATATTTATATTTGAATATCATTAAA
TTGGAATTTTCTACCCATATATCTTATGTTAAAGGAGATATGGCTAGTGGAATAAGTTCCATGTTAA
AATAGACAACCTTCCATTTATTGCACTCAGCTTTTTTCTTGAGTACTAGATTTGTATTTTGTCTAAA
ATTTTACTTTTGTCTGTATTTTTCATGTGGAATGGATTATAGAGTATACTAAAAATGTCTATAGAGAA
AACTTTTCATTTTTGGTAGGCTTATCAAAATCTTTCAGCACTCAGAAAAGAAAACCATTTTAGTTCCCTT
TATTTAATGGCCAAATGGTTTTTGAAGATTTAACACTAAAAAGGTTTCACCTGATCATATAGCGTGGG
TTATCAGTTAACATTAACATCTATTATAAAACCATGTTGATTCCCTTCTGGTACAATCCTTTGAGTTAT
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TTTGGTATATTACCTCAAATTCCTAATAAGTTTGATCAAATCTAATGTAAGAAAAATTTGAAGTAAAGGA
TTGATCACTTTGTTAAAAATATTTCTGAATTATTATGTCTCAAATAAGTTGAAAAGGTAGGGTTTGA
GGATTCCTGAGTGTGGGCTTCTGAACTTCATAAATGTTGAGTTCAGACTTTTATCAAAATCCCTATT
TAATTTTCTGGAAAGACTGATTGTTTTATGGTGTGTTCCCTAACATAAAAAATCGTCTCCTTTGACAT
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TACACTATCTATCTGCCTTTACCTACATAGGCAAATTTGAAAATACACAGATGATTAACAGACTTTAGC
TTACAGTCAATTTTACAATTATGGAAATATAGTTCTGATGGGTCCCAAAAGCTTAGCAGGGTGCTAACG
TATCTCTAGGCTGTTTTCTCCCAACTGGAGCACTGATCAATCCTTCTTATGTTTGTCTTAATGTGTA
TTGAAGAAAAGCACTTTTTAAAAAGTACTCTTTAAGAGTGAAATAATTAACCACTGAACATTTGCT
TTGTTTTCTAAAGTTGTTACATATATGTAATTTAGCAGTCCAAAGAACAAGAAATGTTTTCTTTTCA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: Sgfl-Mlul

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_000340.2](#)

Summary: This gene encodes an integral plasma membrane glycoprotein of the liver, islet beta cells, intestine, and kidney epithelium. The encoded protein mediates facilitated bidirectional glucose transport. Because of its low affinity for glucose, it has been suggested as a glucose sensor. Mutations in this gene are associated with susceptibility to diseases, including Fanconi-Bickel syndrome and noninsulin-dependent diabetes mellitus (NIDDM). Alternative splicing results in multiple transcript variants of this gene. [provided by RefSeq, Jul 2013]

Locus ID: 6514

MW: 62.4