

Product datasheet for **SC215980**

Glucose Transporter GLUT1 (SLC2A1) (NM_006516) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Glucose Transporter GLUT1 (SLC2A1) (NM_006516) Human 3' UTR Clone
Symbol:	Glucose Transporter GLUT1
Synonyms:	CSE; DYT9; DYT17; DYT18; EIG12; GLUT; GLUT-1; GLUT1; GLUT1DS; HTLVLR; PED; SDCHCN
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_006516
Insert Size:	1718 bp



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Insert Sequence: >SC215980 3'UTR clone of NM_006516
 The sequence shown below is from the reference sequence of NM_006516. 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
CATCCCCGTTGGGGCTGATTCCCAAGTGTAGTTCGCCCCAGATCACCAGCCCGCCTGCTCCAGCAGCC
CTAAGGATCTCTCAGGAGCACAGGCAGCTGGATGAGACTTCCAAACCTGACAGATGTCAGCCGAGCCGG
GCCTGGGGCTCCTTTCTCCAGCCAGCAATGATGTCCAGAAGAATATTCAGGACTTAACGGCTCCAGGAT
TTTAACAAAAGCAAGACTGTTGCTCAAATCTATTCAGACAAGCAACAGGTTTTATAATTTTTTTATTAC
TGATTTTGTATTTTTATATCAGCCTGAGTCTCCTGTGCCACATCCCAGGCTTCACCCTGAATGGTTC
CATGCCTGAGGGTGGAGACTAAGCCCTGTGAGACACTTGCCCTTTCACCCAGCTAATCTGTAGGGCT
GGACCTATGTCCTAAGGACACACTAATCGAACTATGAACTACAAAGCTTCTATCCCAGGAGGTGGCTAT
GGCCACCCGTTCTGCTGGCCTGGATCTCCCACTTAGGGGTGAGGCTCCATTAGGATTTGCCCTTCC
CATCTCTTCTACCCAACCACTCAAATTAATCTTTCTTTACCTGAGACCAGTTGGGAGCACTGGAGTGC
AGGGAGGAGAGGGGAAGGGCCAGTCTGGGCTGCCGGTCTAGTCTCCTTTGCACTGAGGGCCACACTA
TTACCATGAGAAGAGGGCCTGTGGGAGCCTGCAAACCTCACTGCTCAAGAAGACATGGAGACTCCTGCCC
TGTTGTGTATAGATGCAAGATATTTATATATATTTTTGGTTGCAATATTAATAACAGACACTAAGTTA
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CGTACCTCTCAGTGTCTCTTGCTCAAAAATCTGTTTGATCCCTGTTACCCAGAGAATATATACAT
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TGGTACCATAACAACCACTACTCCATTAACCTCCACCCACCTCCTGCACCCCTCCCCACACACAAAAATG
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CCTCTGGTTCCTCTGTATACTACTGCTTCTCTAAAGACAGCTCATCCTCCTCCTTACCCTGAAT
TTCCAGAGCACTTCATCTGCTCCTTCATCACAAAGTCCAGTTTTCTGCCACTAGTCTGAATTTTCATGAGA
AGATGCCGATTTGGTTCTGTGGTCTCAGCACTATTCAGTACAGTGTGATGCACAGCAGGCACTC
AGAAAATACTGGAGGAAATAAAACACCAAGATATTTGTCTCTAGAGGCTCAGCTGACAAAA
ACGCGTAAAGCGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACCCGCCCTTCTATGAAAGG
  
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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_006516.4](#)

Summary: This gene encodes a major glucose transporter in the mammalian blood-brain barrier. The encoded protein is found primarily in the cell membrane and on the cell surface, where it can also function as a receptor for human T-cell leukemia virus (HTLV) I and II. Mutations in this gene have been found in a family with paroxysmal exertion-induced dyskinesia. [provided by RefSeq, Apr 2013]

Locus ID: 6513

MW: 65.2