

## Product datasheet for **SC201166**

### **SLC16A5 (NM\_004695) Human 3' UTR Clone**

#### Product data:

Product Type:	3' UTR Clones
Product Name:	SLC16A5 (NM_004695) Human 3' UTR Clone
Symbol:	SLC16A5
Synonyms:	MCT5; MCT6
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_004695
Insert Size:	159 bp
Insert Sequence:	<p>&gt;SC201166 3'UTR clone of NM_004695</p> <p>The sequence shown below is from the reference sequence of NM_004695. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p> <pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGCCGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA<b>CGCATCGCC</b> ACGGCTCTGGGCTGGAATAGCCCTACCT<b>AG</b>AGTGCCTGTTTGACTCCGCCACTATCTGCCATGTGAGTT GGGCAAATTGTTGACCACCTCTGAGCCTTGAAAAAGTAGGAGTTACTTTGTTAGAGCAAATAATAAA ATTTAATTTTAAAAAAGAAAA <b>ACGCGT</b>AAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG           </pre>
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><a href="#">NM_004695.4</a></u>


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Summary:	This gene encodes a member of the monocarboxylate transporter family and the major facilitator superfamily. The encoded protein is localized to the cell membrane and acts as a proton-linked transporter of bumetanide. Transport by the encoded protein is inhibited by four loop diuretics, nateglinide, thiazides, probenecid, and glibenclamide. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2012]
Locus ID:	9121
MW:	5.9