

Product datasheet for **SC206956**

SLC16A3 (NM_001042423) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: SLC16A3 (NM_001042423) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: SLC16A3
Synonyms: MCT-3; MCT-4; MCT 3; MCT3; MCT 4; MCT4
ACCN: NM_001042423
Insert Size: 1140 bp
Insert Sequence: >SC206956 3'UTR clone of NM_001042423
The sequence shown below is from the reference sequence of NM_001042423. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
GTGGTTACACCCCGAAACAAGTGTCTGAGTGGCTGGGCGGGCCGGCAGGCACAGGGAGGAGGTACA
GAAGCCGGCAACGCTTGCTATTTATTTTACAACTGGACTGGCTCAGGCAGGGCCACGGCTGGGCTCCA
GCTGCCGCCAGCGGATCGTCGCCGATCAGTGTGGTGGGGAAGGTGGCGGGTGGGAACCGTGT
CATTCCAGAGTGGATCTGCGGTGAAGCCAAGCCGCAAGGTTACAAGGCATCCTCACCAGGGGCCCGCC
TGCTGCTCCAGGTGGCCTGCGGCCACTGCTATGCTCAAGGACCTGAAACCCATGCTTCGAGACAACG
TGACTTTAATGGGAGGTGGGTGGGCCGACAGGCTGGCAGGGCAGGTGCTGCGTGGGCCCTCTCC
AGCCCGTCTACCCTGGGCTCACATGGGCCTGTGCCACCCCTTTGAGTGTCTTGGGACAGCTCTT
TCCACCCCTGGAAGATGAAATAAACCTGCGTGTGGGTGGAGTGTAGGACCAACGGTTTCCTAGGAGT
ATGTGGTTTTGCTGTGTGGCCTGTGTCTGACTCGCACGTCTGCTGATGGCCTGGCTGTTCTACCGTG
GCTCTGTCTCGCCAGCTTCCCTGCAGCGGCATAGCATTGCTAGCAGGGGCAGGCGCTGCATGGAGGG
GGCTGCGGGGCAGGTGCCTGGAGCCGCTGTGCCAGGGTGGCCTCTGAAATGTGCCAGGGAGCCCTAC
GTGGTGGTTAGATGGGAGCTGAGGTGGAACAAGCCACTTTATTCACTGCTGTGTTAAGAAACAGGACC
CTCCTGCCTTCCCTTTTCGCCCTCTGCCTGGCTGGCAGTGTGCGTGGTGTGGTCAAGTCCAGGGCT
GGTCTTTGCACCTGTCTCCATCCAGCCCGGCCAGCGCTTGGGCTTGTCTGGACACCTAACACCCA
CCTGCCCTCGTGGCCAGCAGTGGCCTGCGTGGCTGGGAGCCCGGTGAGAGCCCGGGGGCCCTCAGTA
GGTGCCTCGTGGCGCTGGGACGGCAGCGGTGCCCTGGCGGGCCGCTGCAGCCGGAGAGATGCCAT
GTCCCTGCTCCTCTGCAATGAAAAGCAAGCGAAAAG
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI



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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_001042423.3</u>
Summary:	Lactic acid and pyruvate transport across plasma membranes is catalyzed by members of the proton-linked monocarboxylate transporter (MCT) family, which has been designated solute carrier family-16. Each MCT appears to have slightly different substrate and inhibitor specificities and transport kinetics, which are related to the metabolic requirements of the tissues in which it is found. The MCTs, which include MCT1 (SLC16A1; MIM 600682) and MCT2 (SLC16A7; MIM 603654), are characterized by 12 predicted transmembrane domains (Price et al., 1998 [PubMed 9425115]).[supplied by OMIM, Mar 2008]
Locus ID:	9123
MW:	40.2