

Product datasheet for **SC215102**

MTCH2 (NM_014342) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	MTCH2 (NM_014342) Human 3' UTR Clone
Symbol:	MTCH2
Synonyms:	HSPC032; MIMP; SLC25A50
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_014342
Insert Size:	1546 bp



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Insert Sequence: >SC215102 3'UTR clone of NM_014342
The sequence shown below is from the reference sequence of NM_014342. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
TATTGTTGTGACCTGAAAATGTTAATTGAAGATGTGGGCAGGGACAGTGACATTTCTGTAGTCCCAG
ATGCACAGAATTATGGGAGAGAATGTTGATTTCTATACAGTGTGGCGCGCTTTTTTAATAATCATTTAA
TCTTGGGAAAATTCAGGTGTTTGGTGTCTGCCTTTTTTGTCTTTTTTCCAGCACAACTAACCACCA
CTGATACTCCCCCTTTAGTTATTCTGAATTAGGATATTTTGTCTCCAAATCTTATTTTACTTAACCAG
AAGGGAAAAAAGTTGTATTTTCTGAAGCTACAGGCACCTTGTCTGATGATTTTGTAGTCTCAATTTA
AGGCTTTGTAAAATGAAGAGTAGAATTCAGAAAAATGAGAAATAATTTGTAAACTTAACAAAATC
ACTAAATTAACATATATGGGAGGTTATGAATTACTTTTTCTTGGGTAGACCCTAAATGTCAGTAGCAT
GCACCAGAATCTGACTCCATTATGCTTCTAAGCACATTTCTTACCTTGTCTCTCATACTTCAAGAA
AAGGACAGTACATTGCTACATTACCTAGAAAGTCTGTGTGAGGATCTGCCCTTCAGTCTGTTATTGC
AAAGTAATAAAATGTCACCTACAGGGAGCCTCTGAGCCTACTCTAGTTCAAGAGGCTACCTGAAAAAAA
ATAAATAAGATAAAGGTCAGCAACAACAAAAAGACAATTACAGAAAAAAGCAAGATTTGGAAA
GGAAGTATAATGGCAGCTTTTTTCTCAAAGGAAGTTCTTGTTCACATAAAATATGAAAAGCAGATCC
TGCAGGAGTAACCCCTTCTTTAAGAGCCAAGTATTTGCCAGTGCTTAAATTACACCATACAGTTCTAA
TTATATAAATCTTTGTTCTTCAGTTTTTGTTCCTTTTGTATTGTTGCCGAAGGTGAGT
AGTTTTGCATTTCTGATGACAGCCTTGGAAAGTATTTGTAACCTCCATGTCTGGTAATGCCAACCCAA
GTCGACATGGGTCTTAGGACACTGACCACCTCACATGCCATACCCTCAGTTAAGCATGTTAACATTAT
AGGAGGAAAAAATCACTTTGGGAGAAAAATAAATTCAACTCAAGCATAAAGCTTCTGTTTACTCAGGC
CTTCTAAAAAGCAGGTTAAATGCTCTAAATGAGAAAGCCTGTGGTTTCACTTATTTATATAACTCAC
TGGGACATTGCCAAATGAGTAAGCACTTAATTCGCTGCTCTGAGACTTCTCTGTCAAAACAGCCCCAC
TGATAATATTAGACAGAACGAGAATGCAGGGGTCTCTCCCTCCCTGGGGTTTAGGAAGCTCATGAGG
AGCTCGGCTTAAATGTCTTTGATGTCTCTTCTTTGTCTCAAAAAGTAATGTCAATTTTATATACTAT
TTCAATATTACTATCTGCATTTGTTTAAATATAAAATGTTTGTGCCTACCTTTTTCTCCCAAAAAAT
CTTTAAGTAAAGATGATCTGGGAAAATG
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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_014342.4](#)

Summary:

This gene encodes a member of the SLC25 family of nuclear-encoded transporters that are localized in the inner mitochondrial membrane. Members of this superfamily are involved in many metabolic pathways and cell functions. Genome-wide association studies in human have identified single-nucleotide polymorphisms in several loci associated with obesity. This gene is one such locus, which is highly expressed in white adipose tissue and adipocytes, and thought to play a regulatory role in adipocyte differentiation and biology. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. A recent study showed this gene to be an authentic stop codon readthrough target that can produce two isoforms from the same mRNA by use of alternative in-frame translation termination codons. [provided by RefSeq, Dec 2017]

Locus ID:

23788

MW:

59.4