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Product datasheet for SC205009

MTX2 (NM_006554) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	MTX2 (NM_006554) Human 3' UTR Clone
Symbol:	MTX2
Synonyms:	MDPS; metaxin-2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_006554
Insert Size:	391 bp
Insert Sequence:	>SC205009 3'UTR clone of NM_006554 The sequence shown below is from the reference sequence of NM_006554. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GAAGATCGTGGTAAAGGCAGGCTGTCATAGAGTTATGTGTTAGTCTCAGGAGTCTTAACTTTTGAAATA TGTTTTACTTGAATGTTACATTAGATATTGGTGTCAGAATTTTAAAACCAAATTACTGCTTTTTGAAAC CTCAAATTATATAATGTATCTTATGTATGTGCTTTATATTGTTATTTGTGTATACATTAAAATAATTCT GAATTATTTAATCTGATATGTTGTATTCTGTATCTTGAAATTTTTGTTTCCTTGAAACATGCATGCATT TAAAAATAAAGCTTAAACAACTGTATGGATGTTACATTTACTTTCTTTTGATTTTTCTGAAAGTCATTC ACTGAATTTTACACATGTGGAATAAACAGTGTCTTTTCTAAGGCAA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
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.

View online »

RefSeq:	NM_006554.5
Summary:	The protein encoded by this gene is highly similar to the metaxin 2 protein from mouse, which has been shown to interact with the mitochondrial membrane protein metaxin 1. Because of this similarity, it is thought that the encoded protein is peripherally associated with the cytosolic face of the outer mitochondrial membrane, and that it is involved in the import of proteins into the mitochondrion. Alternative splicing results in multiple transcript variants. A related pseudogene has been identified on chromosome 7. [provided by RefSeq, Jun 2009]
Locus ID:	10651
MW:	15