

Product datasheet for **SC208733**

MTA2 (NM_004739) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: MTA2 (NM_004739) Human 3' UTR Clone
Symbol: MTA2
Synonyms: MTA1L1; PID
Mammalian Cell Selection: Neomycin
Vector: pMirTarget (PS100062)
ACCN: NM_004739
Insert Size: 691 bp
Insert Sequence: >SC208733 3'UTR clone of NM_004739
 The sequence shown below is from the reference sequence of NM_004739. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ACCAATGAGCCTATTGTCCTGGAGGACTTGAGCACCTGTGGGGAAGGGAGGTGGGCTGAGAGGTAGAGGG
TGGATGCCAGGGCACCCAAACCTCCCTTCCCTTTCGTGTCGAAGGGAGTGAGGAGTGAATTAAGGAAG
AGAGCAAGTGAGTGTGTGTCCCTGGAGGGTGGGCGCCCTCTGGTGTACCACCTCGAGACTTGTCTC
ATGCCTCCATGCTTGCCGATGGAGGACAGACTGCAGGAACCTGGCCCATGTGGGAACCTAGCCTGTTTT
GGGGGGTAGGACCCACAGATGCTTGGACAGTTTTGGGGGAGGGTTTTTAATTTTTTAAAAATTTTG
CCTCCCTTTGTGAAAGGGGATGGGGAGGGGAAGAGTAAACAGATAACAGGTGGTGGTACCTGGTTGGGG
GAGGGGGCGTGCACCTGCCATGTCTTTTTTTTTTTTTTTTTTTTTTTTTTCTAATTGGGGGTTTCTC
TTTCTGTCCGGTGTCCGACTTTCCTAATTGGAGTTTGAGGCCCTAAGCTGGCATCAACCCAGGCCA
CGCTCGCTCTTCCCTCCCTCCCTCCCTCTGCCTTTGTACGCCAGTTCTCAGAAATAAAGATCTT
TTGTCCGTTTTTTAACCTCGGATTCTGAATTGGTCTTATAGTAACAAATAAAAAGCTGTTTTCTTCA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: Sgfl-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).



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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_004739.4
Summary:	This gene encodes a protein that has been identified as a component of NuRD, a nucleosome remodeling deacetylase complex identified in the nucleus of human cells. It shows a very broad expression pattern and is strongly expressed in many tissues. It may represent one member of a small gene family that encode different but related proteins involved either directly or indirectly in transcriptional regulation. Their indirect effects on transcriptional regulation may include chromatin remodeling. It is closely related to another member of this family, a protein that has been correlated with the metastatic potential of certain carcinomas. These two proteins are so closely related that they share the same types of domains. These domains include two DNA binding domains, a dimerization domain, and a domain commonly found in proteins that methylate DNA. One of the proteins known to be a target protein for this gene product is p53. Deacetylation of p53 is correlated with a loss of growth inhibition in transformed cells supporting a connection between these gene family members and metastasis. [provided by RefSeq, May 2011]
Locus ID:	9219
MW:	25.1