

Product datasheet for **SC123767**

MTA3 (BC004227) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MTA3 (BC004227) Human Untagged Clone
Tag:	Tag Free
Symbol:	MTA3
Synonyms:	KIAA1266; metastasis associated 1 family, member 3; metastasis associated family, member 3; metastasis associated gene family, member 3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for BC004227 edited
 AGGAGGCGGCGGGCGGGCGGGCTCGGCTCGGGCTCCGCGGGCGGGCGGGCGGACATG
 GCGGCCAACATGTACCGGTCCGAGATTATGTCTACTTTGAGAATTCCTCCAGCAACCCA
 TACCTAATAAGAAGGATAGAAGAACTCAACAAGACTGCAAGTGGCAACGTGGAAGCAAAA
 GTAGTATGCTTTTATAGACGACGTGATATTTCCAACACTTATAATGCTCGCAGATAAG
 CATGCTAAAGAAATTGAGGAAGAATCTGAAACAACAGTTGAGGCTGACTTGACCGATAAG
 CAGAAACATCAGTTGAAACATAGGGAACCTTTTTGTCCAGCCAGTATGAATCTCTGCC
 GCAACACATATCAGGGGAAAGTGACGTGTTGCCCTTCTGAATGAGACAGAATCAGTATTG
 TCATATCTTGATAAGGAGGATACCTTCTACTCATTGGTCTATGACCCCTCATTGAAA
 ACACTATTAGCTGACAAAGGTGAAATCAGAGTGGGACCTAGATATCAAGCAGACATTCCA
 GAAATGCTGTTAGAAGGAGAATCAGATGAGAGGGAACAATCAAAATTGGAAGTTAAAGTT
 TGGGATCCAAATAGCCCACTTACGGATCGACAGATTGACCAGTTTTTGTGTAGCACGT
 GCTGTTGGGACATTGCCAGAGCCCTGGATTGCAGCAGTCTGTGAGGCAGCCTAGTTTG
 CATATGAGTGCTGCTGCAGCTTCCCGAGACATCACCTTGTTCACGCTATGGATACATTG
 TATAGACACAGCTATGATTTGAGCAGTGCCATTAGTGTCTTAGTACCACTCGGAGGACCT
 GTTTTATGCAGAGATGAAATGGAGGAATGGTCAGCCTCTGAAGCTAGCTATTTGAAGAG
 GCACTGGAAAAATATGGCAAAGACTTCAATGACATACGGCAAGATTTTCTTCTTGAAA
 TCATTGACTAGCATCATTGAATATTATTACATGTGAAAACTACTGACAGATATGTGCAA
 CAGAAACGTCTAAAAGCAGCAGAAGCTGAGAGTAACTGAAACAAGTATATATCCCAACC
 TACAGCAAACCAATCCCAACCAATATCCACTAGTAATGGGAAGCCTGGTGTGTGAAT
 GGAGCTGTGGGGACCACGTTCCAGCCTCAGAATCCTCTCTTAGGGAGAGCCTGTGAGAGC
 TGCTATGCTACACAGTCTACCAGTGGTATTCTTGGGGCCACCTAATATGCAGTGTAGA
 TTATGTGCAATTTGTTGGCTTTATTGAAAAAATATGGAGGCTTGAATGCCCACCCAG
 TCAGAAGAAGAGAAGTTATCTCCTAGCCCAACTACAGAGGACCCTCGTGTAGAAGTCAC
 GTGTCCCAGGCCATGCAGGGAATGCCAGTCCGAAACACTGGGAGTCCAAAGTCTGCA
 GTGAAGACCCGCCAAGCTTTCTTCTTCACTACATATTTACAAAAATTTGCTCGTCAG
 GTCTGCAAAAAATACCCTCCGGCTGCGGCAGGCAGCAAGACGGCCGTTTGTGCTATTAAT
 TATGCTGCCATTAGGGCAGAATGTAAGATGCTTTTAAATCTTAACTTATATGTTGTGC
 TTCTGACCATTTCTTTTCTTCTTCTTCTTTTTTTTTTTGTTGTTGTTTGAATAA
 ACATAAGTTCTTGTGTACAAAAAAAAAAAAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for BC004227 unedited
 TTCGAATTTTGTAAATACGAACACTATAGGGCGGCCGGAATTCGCACGAGGAGGAGGC
 GGCGGCGGGCGGGCGGGCTCGGCTCGGGCTCCGCGGGCGGGCGGACATGGCGGCCA
 ACATGTACCGGGTCCGAGATTATGTCTACTTTGAGAATTCCTCCAGCAACCCATACCTAA
 TAAGAAGGATAGAAGAACTCAACAAGACTGCAAGTGGCAACGTGGAAGCAAAAAGTATGAT
 GCTTTTATAGACGACGTGATATTTCCAACACTTATAATGCTCGCAGATAAGCATGCTA
 AAGAAATTGAGGAAGAATCTGAAACAACAGTTGAGGCTGACTTGACCGATAAGCAGAAAC
 ATCAGTTGAAACATAGGGAACCTTTTTGTCCAGCCAGTATGAATCTCTGCCCGCAACAC
 ATATCAGGGGAAAGTGCAGTGTGCCCTTCTGAATGAGACAGAATCAGTATTGTCATATC
 TTGATAAGGAGGATACCTTCTTCTACTCATTGGTCTATGACCCCTCATTGAAAACACTAT
 TAGCTGANCAAGGTGAAATCAGAGTGGGACCTAGATATCAAGCAGACATTCCAGAAATGC
 TGTTAGAAGGAGAATCAGATGAGAGGGAACATCAAAATTGGAAGTTAAAGTTTGGGATC
 CAAATAGCCCACTTACGGATCGACAGATTGACCCAGTTTTAGTTGTAGCACGTGCTGGT
 GGACATTCGCAGAGCCCTGAATGCAGCAGTTCTGTGGAGCAGCCTAATTTGCATATGATT
 GCTGCTGCAGCTTCCCGAGAAATCACCTTGTTCACGCTTTGGATACCTTGATAGACCC
 ACTTTGATTTGAGCCGTGCCTTTATGGTCTAATACCCTTCGGAAGACCTGTTTTATGCCA
 AAATGAAATGGAGAATGGGTACCCCTGAAACCAGCTTATTTGAAGAGG

Restriction Sites: Please inquire
ACCN: BC004227

Insert Size:	1731 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	BC004227.2 , AAH04227.1
RefSeq Size:	1722 bp
Locus ID:	57504
Cytogenetics:	2p21
Protein Families:	Transcription Factors
Gene Summary:	Plays a role in maintenance of the normal epithelial architecture through the repression of SNAI1 transcription in a histone deacetylase-dependent manner, and thus the regulation of E-cadherin levels. Contributes to transcriptional repression by BCL6.[UniProtKB/Swiss-Prot Function]