

Product datasheet for **RN208380**

Mrto4 (NM_001106697) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mrto4 (NM_001106697) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mrto4
Synonyms:	RGD1311709
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN208380 representing NM_001106697 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGGAACAGCAAGCTGAAGGACATCCGAATGCCTGGAAGCACAGCCGGATGTTCTTTGGCAAAAACA
AGGTGATGATGGTGGCCTTGGGTCGAAGCCGCTCTGATGAATACAAAGACAACCTACATCAGGTCAGCAA
GAAGTTGAGAGGTGAAGTTGGGCTCCTTTTACCAACCGCACGAAGGAGGAGGTGAATGAGTGGTTCACA
AAGTATACAGAAATGGATTTTGCTCGAGCGGGGAACAAAGCAACTTAACTGTGAGCCTGGATCCAGGGC
CGCTGAAACAGTTCCTCATTCCATGGAGCCACAGCTGAGGCAGCTGGGTCTGCCACTGCCCTCAAGAA
AGGTGTGGTGACCTTGCTGTCTGACTATGAAGTGTGCAAGGAGGGTGACGTGCTGACCCAGAGCAGGCC
CGTGCTCTGAAGCTGTTTGGGTATGAGATGGCCGAATCAAAGTGACCATCAAATACATGTGGGATGCC
AGTCAGGGAGATTCCAGCAGATGGACGATGACCTTCCCGAGAGCGCGCCTGAGTCTGAGGGGAGTCTGA
GGAGGAGGAGGACGACAGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001106697
Insert Size:	582 bp


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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:	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:	<u>NM_001106697.1, NP_001100167.1</u>
RefSeq Size:	1355 bp
RefSeq ORF:	582 bp
Locus ID:	298586
Cytogenetics:	5q36