

Product datasheet for **RN205512**

Mael (NM_001108857) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mael (NM_001108857) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mael
Synonyms:	RGD1309333
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN205512 representing NM_001108857
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGCCCAACCGCAGGGCCAGCCGAATGCCTACTATTTCTTCGTACAGGAGAAGATTCGCCAACTGCGCC
 GCGGAGGCTGCCGGTGGCCCGCTGGCAGACGCCATCCCTACTGCTCGGCCGACTGGGCGCTCCTGAG
 GGAGGATGAGAAGGAGAAATACTCAGAAATGGCTCGAGAGTGGAGAGCAGCCAGGGAAGGATTCTGGG
 CCTTCAGAGAAGCAGAACTCGTATCCACACCACTGAGGAGGCCAGGCATGCTTGTACAAAACCAAGTG
 TTTCTCCCTGATATGTCAAATTTATCTATAAAAGTGATCAAGCTCTCCTTGGAGGTGTTTTTATTT
 TCTGAATATTTTAGCCATGGTGAAGTACCTCCTCATTGTGAACAGCGCTTCCTCCCTTGTGAAATTGGC
 TGTGTCAAATATTCCTCCAGGAAGGTATTATGGCAGATTTCCACAGCTTTATCAATCCAGGTGAAATTC
 CACGAGGATTTTCGGTTCATTGCCAGGCTGCAAGTGATTCTAGTCACAAAATTCCTATTTCAAACCTTGA
 ATTCGGGCATGACCAAGCAACTGTGCTACAAAACCTCTATAAATTTATTCACCCAAACCCAGGGAAGTGG
 CCACCTATTTACTGCAAGTCTGATGACAGAGCCAGAGTCAACTGGTGTGTTGAAGCGTATGGAGCGGGCAT
 CAGAAATAAGGCAAGATCTAGAATTCTCACTGTAGAGGACCTTGTAGTGGGAATCTACCAAGCAAAATTC
 CCTCAAGGAGCCCTCTAAAACCTGGGTTTGAAGCCTCTAGATGTGGCCATGTGGGACTATTCTAGCAAC
 ACGAGGTGCAAGTGGCATGAAGAAAATGATATTCTCTTGTGCTTTAGCTGTTTGAAGAAAATCGCGT
 ACTGCATCAGTAATTCTTGGCCACTCTTTTGAATCCAGCTCACTGGAGCTCATGTACCACTACAAGA
 CTATGAGGCCAGCAATAGTGTGACACCCAAAATGGTTGTATTAGATGCAGGGCGGTACAGAAACTAAGA
 GTTGAGAGTCCAGGATTCTGTCAATTTCACTCTTACAATCAGGAACAAAGATCAAACCTCATCTACTGTT
 ATTACCATCTGGGTGAAAATTTGGGCTCGAACAGCAGCGTTCGAGGAAGAGGATTACCCGCTTACT
 AGAGAGCATCTCAAACCTCTAACAACATCCACAGATTCTCAACTGTGAGGCCTCACTCTCACCTTAC
 ATGCCCAAAAAGATGGGTACAAACCTTTTCTCCTTTTCG**TA**A

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001108857

Insert Size: 1305 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:

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: NM_001108857.1, NP_001102327.1

RefSeq Size:	1559 bp
RefSeq ORF:	1305 bp
Locus ID:	364039
Cytogenetics:	13q23