

Product datasheet for **RN204879**

Mmel1 (NM_001107997) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mmel1 (NM_001107997) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mmel1
Synonyms:	Mell1; NEP2; NEPII
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN204879 representing NM_001107997
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGAAGTCGGAGAGCTCAGTGGGGATGATGGAGAGAGCGGACAACACTGTGGGAGGAGCGCCTAGGCT
 TCGTGGAGTGTGGGCTGCTGGTACTGCTGACACTGCTGTTGATGGGAGCCATAGTACTCTGGGTGCTT
 CTACAGCATAGGGAAGCAGCTGCCCTCTTAAATAGCCTGCTGCACGTCTCCCGCATGAGAGGACGGTT
 GTAAAACGAGCCGCCCTCAGAGATTCATCGCAGAAGAGTGACATCTGTACTACCCCAAGCTGCGTGATAG
 CAGCTGCCAGAATCCTCCAGAACATGGACCAGTCAAAGAAACCCTGCGACAACCTCTATCAGTATGCTTG
 CGGAGGCTGGCTACGGCACCATGTGATCCCGAGACCAACTCCAGATACAGCGTCTTTGACATCCTTCGG
 GATGAGCTGGAGTTCATCCTCAAAGGGTGTGGAGGATTCCTCTGTCCAGCACCGCCAGCTGTGGAGA
 AGGCCAAGACACTGTACCGCTCCTGCATGAACCAGAGTGTGATAGAGAAGAGAGACTCTGAGCCCCTGCT
 GAACGTCTTAGATATGATAGGAGTTGGCTGTAGCCATGGACAAGTGAATGAGACCATGGGCCCAAG
 TGGAACTGGAGCGGCAGTTGGCTGTGTTGAACTCGCAGTTCAACAGGCGCGTCCATCGACCTCTTCA
 TCTGGAATGATGACCAGAACTCCAGCCGGCACGTATCTACATAGACCAGCCACCTTGGGCATGCCCTC
 CCGGGAGTACTATTTCAAGGAAGACAGCCACCGGTTACGGGAAGCCTACCTGCAGTTCATGACATCAGTG
 GCCACTATGCTGAGGAGAGACCTGAACCTGCCCGGGAGACCGATTTGGTGCAGGAGGAAATGGCACAGG
 TGCTGCATCTGGAGACACATCTGGCCAACGCCACGGTCCCCCAGGAGAAAAGGCATGATGTCACCGCCCT
 GTATCACCGAATGGGCCCTGGAGGAGCTGACGAAAGGTTTGGTCTGAAGGGGTTAACTGGACTCTTTC
 ATACAAAACGTGCTGTCTTCTGTCAAGTTGAGCTGCTCCCGAATGAGGAGGTGGTGTCTATGGCATCC
 CCTACCTGGAGAATCTTGAGGAGATCATTGACGTCTTCCAGCACAGACCTTGCAAAAACCTACCTGGTGTG
 GCGCCTGGTGTAGATCGCATCGGCAGCCTGAGCCAGAGATTCAAAGAAGCGCGTGTGGACTACCGCAAG
 GCGCTGTACGGTACAACCATGGAGGAAGTACGCTGGCGGGAGTGTGTGAGCTATGTCAACAGCAACATGG
 AGAGTGCCGTGGGCTCCCTCTACATCAAGCGGGCCTTCTCCAAGGACAGCAAGAGCATAGTCAGTGAGCT
 TATCGAGAAGATACGGTCCGTGTTTGTGGATAACCTGGACGAGTTGAACTGGATGGATGAGGAATCCAAG
 AAAAAGGCCCAGGAAAAGGCCTTGAATATCCGGGAACAGATCGGCTACCCTGACTACATTTTGAAGACA
 ATAACAGACACCTGGATGAGGAATACTCCAGTCTGACTTTCTCAGAGGACCTGTATTTTGAACGGGCT
 TCAGAACCTCAAGAACAATGCCAAAGGAGCCTCAAGAACTTCGGGAAAAGGTGGACCAGAATCTCTGG
 ATCATTGGGGCTGCAGTGGTCAATGCATTTACTCCCAACAGAAACCTGATCGTCTTTCCAGCGGGGA
 TCCTCCAGCCACCCTTCTCAGCAAGGACCAACCACAGGCCTTGAATTTCCGGGGCATCGGGATGGTGTG
 TGGACACGAGATCACACACGGCTTTGATGATAACGGTCCGAACTTTGACAAGAATGGCAACATGCTGGAC
 TGGTGGAGCAACTTCTCGGCCCGGCACTTCCGACAGCAGTACAGTGTATGATTTATCAGTACAGCAACT
 TCTCTTGGGAACTAGCAGACAACCAGAATGTGAACGGATTACAGCACCTCGGGGAGAACATCGCCGACAA
 CGGCGGTGTGCGGCAGGCATACAAGGCTTACCTACAGTGGCTAGCTGAAGCGGCAGAGACCAGAGACTG
 CCGGGACTGAACCTGACCTATGCTCAGCTTTTCTTCACTAACTATGCCAGGTGTGGTGTGGTCTTACA
 GGCCGGAGTTCGCCATCCAGTCCATCAAGACAGATGTCCACAGTCTCTTAAGTACAGGGTGTGGGCTC
 ACTACAGAACCTACCAGGCTTCTCTGAGGCGTTCCACTGCCACGAGGCAGCCCCATGCACCTATGAAT
 CGATGTCCGATCTGGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001107997
Insert Size: 2328 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:	<u>NM_001107997.1</u> , <u>NP_001101467.1</u>
RefSeq Size:	2812 bp
RefSeq ORF:	2328 bp
Locus ID:	313755
Cytogenetics:	5q36