

Product datasheet for **RN211973**

Emilin1 (NM_001106710) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Emilin1 (NM_001106710) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Emilin1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN211973 representing NM_001106710
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGTGGAGGTGCTGTCAAGGGTATGGGGCGATGACTGCGGAGAGGGTCTGCTTCTGTTCTGGGCC
 CTGCACCTCCACACCACTTCCCGGCCAGGCCCTGCGCGTCCCAACCTGTCTGGCTCCAGTGCCGCGAG
 CCACCTCAGTGGACTAGGAGGAGAAGGCCCTGGTGAACAGAGAAGGTGCAGCAGCTAGAGCAGCAGGTA
 AAGAGTCTGACCAAAGAGCTGCAAGGCCTTCGAGGTGTCTTCAGGGAATGAATGGGCGCCTGGCAGAAG
 ATGTACAGAGGGCTGTGGAGGCGCCTTAAATGGGAGGCAGCAGCCAGCAGATGCAGCTGCCCGCCAGG
 TGTGCACGAAACCCTCAATGAGATCCAGCAGCAGCTGCAGCTCCTGGACAACCGTGTCTCCACCCATGAC
 CAGGAAGTGGCCACCTAACCAACATCATAATGGAGGCCCTGGTGAAGCGGCAGGGCCTCAGCCCCTG
 TCCCTGTTCTTCTGGCCCCAGCGAGAACTGTTAAGGCAGCTGGAACCGCAGCTGCAGGAGTCTTGCTC
 AGTGTGCCTGGCAGGGCTGGATGGCTTCCGCCAGCAGCAACAAGAGGATAGGGAGCGGCTCGCAACCTG
 GAGAAGCTGATGCTCTATGGAGGAGCGCAGCAGCAGCTTATGGGACCTGCCATGGCCAGAAGACCCC
 CTCAGGAATGCTGCCCCCGGAGCTGGGTGCGGAGTGTGAGAGCTGGAACGGAGGCTGGATGTGGTGGC
 TGGCTCGGTGACAGTGTAAAGCGGACGTAGAGGTTCTGAGCTCGGAGGAGCAGCAGGGCAGGGGGCCAT
 CCCCCGGGTACACCAGCTTGGCCTCCCGCCTTCTCACCTGGAGGACCGCTTCAACTCTACCCTAGGTC
 CCTCAGAGGAACAAGAGAAGAACTGGCCTGGAGGACCAGGGAGGCTGGGCCAGTGGTTGCCTGCTGCTCC
 TGGACAGCTGGAAGAGCTGGAGGTGCTACTAGCCAATGTGAGCAGGGAGCTGGGTGGCCGCTAGATCTA
 TTGGAAGAGCAGGTGGCAGGGGCTGTTAGGGCTGTGGTCAAGTCTGTTCCGAGGGGCTGGGGAACAGG
 ACTCTCGGGTCACTGAGATCCTCAGTCCCTGGAGCAGGGTGTGACAGCAGGGCCAGTTAAGGCT
 GTTGGGTTCCAGGCTTACACAAAGCAGAAACGGCAGGGGAGGCCACAGGCCATGTTGGAGGACTGCAA
 GGGATTCTGGGCCGCTTCAAGGAGCATGGACACACAGGAAGAGACAGCAGCAGAACTCTCACTGCGCC
 TCAATCTTACCGCAGCCAGCTAAGCCAAGTGGAGGTTCTGCTGCAAGCCGTGGGGACGAGGGTGTGG
 TGCCTGTGGTGTCCAGGAGGAGCTAGGCCGCTTTCGGGATGGTGTGGAACGTTGCTCCTGCCATTG
 TTACTCCACGGGGCCCTGGAGCTGGCCAGGGGTTGGGGGCCAAGCCGTGGCCTCTGGACGGTTTCA
 GTGTGTTTGGGGCGGCTCGGGCTCAGCCCTCCAGGCCCTCAAGGAGAACTCTCTGAGGTTATTCTCAC
 CTTCAGCTCCCTAATGACTCACTGCATGAGCTCCAGACCACTGTGGAGGGCCAGGGCGCTGATCTGGCT
 GACCTGGGGGCCACCAAGGACAGCATCATCTGAGATCAACAGGCTACAGCAGGAGGCCACAGAGCACA
 TTACAGAGATCGAGGAGGTTTCCGAGGCTGGAGGAAGGCCAGGCCAGCGGGCCAATGCCCTAGCTT
 AGAGGGGCGACTAGGCCGCTTGAAGGAGTTTGTGAACGACTGGACACTGTGGCAGGGGGACTACAAGGC
 CTCCGTGAAGGCCTTCCAGACAGTGGCCGGGCTCTGGGCTGCAGTAAGGGAAAGCAACAGTACCAGTC
 TGACGCAGGCCGACTGCTGGAGAAGCTGCTGGGGGGCCAGGCAGGCTGGGCAGGCGGCTTGGTGCCT
 CAACAGTCCCTGCTGCTCTAGAAGACCGTCTGCAGCAACTTAGCCTAAAGGACTTCACTGGACCTTCA
 GGCAAGGCTGGGCCCTTGGCCTCCTGGGCTACAAGGGCCTCCAGGCCCTGCAGGACCTCCAGGACCTC
 CTGGCAAAGATGGACAAAGGGGGGCCATTGGACCACAGGCTCCTCAAGGTGAACAGGAGTGGAGGGAGC
 ACCAGCAGCCCGTGCCTAGGGTGGCATTTCAGCTGCCCTGAGTTTGCCTCGGTGAGAACCCGGCACA
 GTCCTTTCGACAGAGTCTTGTCAACGATGGAGGCTACTATGACCCAGAGACAGGTGATTCACTGCGC
 CACTGGCTGGGCGCTACTTGTGAGCGTGTACTTACAGGGCACCGGCACGAGAAAGTGGAGGCAGTACT
 GTCCCGCTCCAACCTGGGCGTGGCCGCATAGACTCGGGAGGCTATGAACCCGAGGGACTGGAGAATAAA
 CCTGTGGCCGAAAGTCAAGCTAGCCCGGGCCTCTGGGAGTCTTCAAGCTCATCTGCCACTGCAGGTGC
 GAGACTGTCTGCATCGACCTGGTGTGGGCGAGCTGGCACACTCAGAGGAGCCGCTTACCATCTTCAG
 CGGAGCCCTGCTTACGAGGACACAGACCTTGAACAGGT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001106710

Insert Size:	2703 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_001106710.1</u> , <u>NP_001100180.1</u>
RefSeq Size:	3836 bp
RefSeq ORF:	2703 bp
Locus ID:	298845
Cytogenetics:	6q14