

## Product datasheet for **MC221357**

### Emilin3 (NM\_182840) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Emilin3 (NM_182840) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Emilin3
Synonyms:	1110013O17Rik; EMILIN-3; EMILIN-5; EMILIN-T; Emilin5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC221357 representing NM\_182840  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGGCCCGCTGTCTCGTGTGGCTGTGCACCGTCGCGGCGCTGCTCTCGGGGGCCAGGCCAAGGGCA  
 CCCTCTCCTCGCGCGGCCCGCACAGCCAGTGCCTCCCGTTACAGCCTCTACACCACCGGATGGCGTCC  
 GCGGCTGCGCCCGGGCCACACAAGTCTCTGTGCCTATGTGGTACACAGAAATGTGACCTGCGTCTTA  
 CAAGAAGGAGCAGAGAGCTATATAAAGGCTGAGTACCGAACTGTGGTGGGGACCAACTGCCCTTCAA  
 CAGTCAGGTACCGCACAGTGTTCAGACCCAGATACAAGATTGGCTACAAGACCGTGACAGACCTGGCGTG  
 GCGCTGCTGCCCTGGTCTTACTGGGAAAGCTGCCCTGAACACCTCACAGACCATGGAGCCACCCACCC  
 CACCAGGAGCCAGAGCCTCAGATTCCCTTGGGGCAGCTGGGCCAGGTCCAGGCCTTCTCCTTACAGCA  
 GAGAGGCCCGCCCGCCCGTGAAGAAAAGGCCAAGGGCCGTTTGGTGGCGGCTAGAACAGCGCCTGTC  
 GCAAGCATATGGCACCTGAGTGGATTGGTAGCCAGCCACGAGAATCCCAATAGGATCACTGGTGACTCC  
 AGGGCCCTGTGCTACCTATAGGCTTTGGGGTCAATCCCGAGGGTCTTGTGGCCCAAGAAGCAGAGGCA  
 GAGGACCACTCATCCCTCCTCTGAGTGAGATCCTGAGCAAGGTCACAGAGGTGAGCAACACATTACAGAC  
 CAAGGTGCAGCTGTTAGATGAGGTGCGTGGGCTGGCCCTGGGCAATGAGGCTCACCTGCAGCGGCTCCGG  
 GAAGCCCCGCCATCCCGCTGACCTCCTTAGCGCTCCTAGAGGAATACGTGGACCAGCGGCTGCAGCGAC  
 TCTGGGGGAGCCTGTGGATGGCTTTGAGCAGAAGCTGCAAGGTGTCCAGAGCGAGTGTGACCTTCGGGT  
 GCAAGAGGTGCGGCAGCAATGTGAGGAGGGCCAGGCAGCCAGCCAGCGCTTGCATCAGAGCCTCGATGGC  
 CGAGAGCTTGCCTTTCGTCGGGAGCTCTCCAGCTGGGCACTCAGCTGCAGGGCTTGACTCTGACTGGTG  
 GGGGACCTGCTGCAGCCAATGGCTTTGATCAGTGCCCGGGTGGACAGCCTTGAGAGAACTGCAGGC  
 TGTCACTGAGACCCAAGGTGGCCCGGGCACCTGGCCCGGATGAGCTTGCAGCCTCTCTGCAGCTATG  
 CTTGAGGAGGTGTGGACGGGCTGCTTGAAGCCTTGAAGTATCAATGGGACAGAGAATGGAGCAAGGG  
 GCTGCTGTCTGAGAATGGAGGTGGGGGCTGGGGTGTGCGTGGCTTCGGTCCACGCTGGAACAGCGAGT  
 GCAGAGCCTAGAGGAGCGGCTGGCAACTGACCGGAGAGCTAAGCCCCGAGAGTGCCATACCAGACAGA  
 TCAGCGCGGCCGCTTGTTCATTGAACTAGCAGTACTGGAACAAAGGCTGGTGTCCCTGGAGACCTCGT  
 GCACCCCAAGTACCACCACAGCCATCCTGGACAACCTCGTGGCAGAGGTGAAGGCCTGGCAGAGCCGGAG  
 CGAGGCTCTCCTACACCAGGTGGCTCGTCACACTGCCCTGCTCCAACAGCTCAATGGCACGGTAGCTGAA  
 GTCCAGGGGAGCTGGCAGAAGGGACAGGCAGCTCACTGCAAGGGGAGATCACTCTTTGAAAGTCAACC  
 TGAAGTCAAGTGAAGTCACTACGGGCTCAGCGACTCTGTCAGCCAGTACTCTGATGCCTTCTCGGC  
 TGCCAACACATCCCTGGATGAACGAGAACGAAAGTGAAGCCGAGGTCCACACCATCCAGGAACAGATC  
 AGCAGCCAGGGCTCACGGCTCAGGCTGGCCACAGGCAGGTCTGAACTGCGAGGGGAGCTGGAGCAAC  
 TCAAGGCTGGCATGGCCAATGTGGCTAGAGGGTTGAGCCGCTGCCGGGACACAGCCAGGAACTCCAGCA  
 TACAGTGGGCCACTTTGACCAGAGGGTGGCCCAAGTGAAGGAGCATGTGAGAGGTTGGGCTGTTGGCA  
 ACCCACCTGAACAGTCTGCCTACTGAGCAGCTGAGGTCCAGGGAGGGCCTGTGGGGCCACATAGACAAGC  
 TGAACACACATTGGCCAGCACAGCAGGATATCGCCCGCTCCGGGATGACCTGTTGGACTGCAGAGC  
 TCAGCTGGCTGAGGTGAGGCCAGGGCAGCTGACTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_182840  
**Insert Size:** 2277 bp

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_182840.2</a> , <a href="#">NP_878260.1</a>
<b>RefSeq Size:</b>	3588 bp
<b>RefSeq ORF:</b>	2277 bp
<b>Locus ID:</b>	280635
<b>UniProt ID:</b>	<a href="#">P59900</a>
<b>Cytogenetics:</b>	2 H2