

Product datasheet for **MC201600**

Gemin4 (NM_177367) Mouse Untagged Clone

Product data:

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|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Gemin4 (NM_177367) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Gemin4 |
| Synonyms: | 4932415L08Rik; AU015359 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | PCMV6-Kan/Neo (PCMV6KN) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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Fully Sequenced ORF:

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>BC031425 sequence for NM_177367
CTAGCCCCGCCAGCGTCGCCGCATGGACCTAGGACCCCTGAATATCTGTGAGGAGATGACTATTCTG
CATGGGGGCTTCTTATGATGGCTGAGCAGCTGTTCCACCCAAAGCCCTGGTACAGTTGACCAAGTCTGATT
GGGAACACGTGGGACAGCCCATTTGTGGAGGCCCTGAAGGAGATCTCCTCAGCCACAGCACATTCCCAGCC
CTTTGCCTGGAAGAAGAAAGCACTGATCATCATCTGGACCAAGGTTCTTCAGCCCTCCCCTGTGAGCCCT
TCTGACACTGATACTCGGTGGCAGGAAGATGATTTCTTCCGTGGCAGCATGATCCCTACCATCAACC
ACACAGCTCCTTTTTGAGCTGCTCAAGTCTCTGGAAGCTTCGGGACTCTTCATTAGCTGCTAATGGCCTT
GCCTACCACCATTTGGCCGCTCAGAACTACAGAGCTTCTGGAGCACATGACTGTTGACACATCTTCCAAG
GATGTGGCCTTCTTCTAGATGTCTGGTGGAAATGATGAAGCACAAGGGCGACCAAGCAGGACCCCTTGC
TTTCCCAGTTCAGGACGATGGCCATAAACTTGCATCCTCAGATGAGTTTTCCCATCTCCAAGAG
GTTTAAGTCTGACCCAGATGTGGGTCCCACCATGCCTCTTTGGCCATGTTGCTTACCGGCTGAAGCAG
ATCCAAAAGAGAATCCTGTCCCTGAAATGAAGTGTGCTGCTTACGTAACCTGGCTGACATGCTGAGTG
TGTTTGCACTTCTGGAGGATGACACCCAGGAGGTGTCGGCCACTGTGTACCTAGACAAAAGTACAGTACAGT
GATCTCTGTGTGGAAGTGGACACCCAGAACCCATACCATCGACAGGCCCTGGCAGACAAGTAAAGGAG
GCAGAGCGAGATGTGAGTCTCACCTCACTGGCCAAACTCCCAGTGAAGTGTGTTTTCATGGGGTTTGAGC
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AAACCAGCAGAATGCTGAATGACAAGGGCCTTGAGGACATCACTGCCTCCATTGCCATGGCCATCATTGA
GCAGAAGATGGACCGGCACATGGAAATGTGCTACATTTTTGCTTCTGAGAAGAAGTGGGCCTTTTCAGAC
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AAACAGTGAAGTCAATCAGCTCTGATCGGGTTATCCCCAGCCTCAGATCAAGCAGGTAATCGCTT
GACCCCTGGAATGCTATGAAGACCTCTCTTCCAGACAAAAATAAAGTTCTTTCTGGTGTCTGCTGATTAT
TTGGGGCCAAAGGGTCTCTCAGACAGGTTGTCTGATTACTTGGAGGGTTTTTCAGGAAGACCTCAACACGA
CGTTTAAACAGCTCGCACAGAGTACCTCTGAACAGGGCCTGGCTAAAGCTGTGGCCTCCGTGGCCACCT
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AGGTTCTTGGCTCAGATTCTCACTGCCTCCCTGCTCTGAAGTTCACGGAAGAACAAGGGGCAAATCCAT
GTACCAGTTTTCATGGTGTCTTGCCTCAAAGAACTGTCTGGACCAAGTTCACACACCCAAAAGAAGAGAA
GCAGTTTCTGGAGCTGGTAAAGCTGCCTGACGAATCCTGTGAAGCCACAGGGGATCCAGTGGCTGCTCTT
CTGGAGCCAGATGAGGTGCTCAAGGAGTTTGCCTGCCTTCTTGTGTTGGACATGGAGGAGTGGGCC
TGAGTCTGAAGCTCTTATCCAGACCCTCGAAGCCAATGCAGGCCGGAAGAGTATTGGCTGCAGACCTG
CTCCCCATTCCTCTGCTCTTACGCTGTGCCAGCTCCTGGACAGCTTACGCAAGTTCTGGCAGCTCCCC
CGGGAGAAGCGCTACCTCACGCTGGACAGCAAGGATCTTGTGACCCACATTCTGGAACCTCTGTGAGA
TCGTGCTAGCCAAACACAGAAACCTTCTCCCCAGACACCTGGGCCAAGTCCCTGTCTGGCTCCACCGCAA
ATTAGACCAGCTAGATTGGACTGTGGGCCTGAGACTAAAGAACTCTTTGAAGGCCACTTCAAGTGTGAG
GTGCCAGTACCTTTTTGATATCTGTAAGCTCTCTGAGGCCAGTGGACCTCACAGGTCCACGAAGGGT
ATGGGCCTGGCACGGCCTTCTCGCCTGGATGGAGTGTGTTTCACTCCAGCAGTATCTCTGACCAGAT
GCTTTCCCTTCTGGTGTGATGGATGTGGCAATCCTGAGGAGGTGACTGTTTAGCAAGGGCTTTCTGGTG
GCCCTGGTACAAGTCAATGCCTTGGTGTAGCCCCAGGAATGGCAGTACCTTCAGCAGCTGACCAAGGAGC
TATTGGAGAAACAGCTTCTTATGTCCCTTACAGTCTAGAGTATATTAGTTTGTCCCTGCTCAACCT
GAAGCCTTTTGGCCAGGAACCTCAGCTCTCTGTTCTTTTGTGAGAGTGTCCAGTTTCTCTGCAGCCAG
AGCTGTTGTAAGTGGCTTCTTTGGACGGTGGAGCCATGTGGTCAAACCTCTGTAACAGTCTGACCA
GTGTCTGGATGCAGTCAAGTGTGATGCAGTGGTGGTCCCTGGGCCAAGGACAAAAGGGGATCTTAC
TCAGGAAACCCTGTTTGTCTATACCCAGATGTTCTGTCATGTTCTGCATATCATGGCCATGCTCCCTCAG
GAGGTCTGTGAACCCCTTACGTGCTGGCCTTGGAAATCCTTACCTGCTACGAGACTCTAAGCAAAAAGCA
ACCTTCTGTGAGCTCCTTGTCCAGAAGGTAGACGAGCAGCGCTTCTTAAAGTCTATCGCCAAGAACAT
TAGCCCTGAGGAGCGGCCAAAACCTGCTACAAAAGATCAACAACCTTCTGACCTGTTGAGGGCAGAAACA
AACTATGCCTCCGTCCACCGTGGTGTCTTCTGCAGGGCCAGAGCTAAGAACAAAAGTTATAAGAAC
GTACACAGTGAAGGAGTACAAGAGCAGTGTAAAGAAATAGTTTTCTTAGATATTTGTACATACTACTT
AAATAAAATTCTCTTGGGTTAATCTTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
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Restriction Sites:

RsrII-NotI

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|------------------------|---|
| ACCN: | NM_177367 |
| Insert Size: | 3177 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: | BC031425 , AAH31425 |
| RefSeq Size: | 3424 bp |
| RefSeq ORF: | 3177 bp |
| Locus ID: | 276919 |
| Cytogenetics: | 11 B5 |