

## Product datasheet for **MC216387**

### **Nt5dc1 (NM\_176968) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Nt5dc1 (NM_176968) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nt5dc1
Synonyms:	6030401B09Rik; AW987726; Nt5c211
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC216387 representing NM\_176968  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCTCAGCACTTCTCCCTGGGCGCTGCGACGTGGTCGGCTTCGATCTCGACCACACGCTGTGCCGCT  
 ACAACCTGCCCGAGAGCGCCCGCTCATTATAACAGCTTTGCTCAGTTCTTAGTCAAGGAGAAAGGATA  
 TGATGAGGGGCTGCTCACTCTGACTCCAGAGGACTGGGATTTCTGTTGCAAGGGTTTGGCATTGGATCTG  
 GAAGATGGGACCTTCATTAACCTTGACGCTGATGGCACTGTGCTCAGGGCAAGCCACGGCACCAAGATGA  
 TGACTCCAGAGGCACTGACTGAAGCCTTTGGCAAGAAGGAGTGGAGGCACTGTGTGTGACACAAACGCTG  
 TACATCAGACAAGCCGGTGTGTCGACATTCCTTGTGCTCAGGAAAGTGTATTTCTATGATAACTAC  
 TTTGACCTGCCGGGGCTCTTCTGTGTGCCAGAGTGGTGGACTCTTAAACAAAGCAGAACAGAGGTCAA  
 AAACATTTGATTTTTGGAAGGATGTAGTTGCTGGTATACAACACAATTTAAAATGTCAGCCTTTAAGGA  
 AAATTGTGGATTCTTCTTCCGAAATAAAAAGAAATCTAGGCAATATGTGCACCGCTGTCTGAGTCT  
 GTAAGAAAGTGGCTTCGACAGCTGAAGGACGCTGGGAAAATTACTATGTTGATAACTAGTCTCACAGTG  
 ATTACTGTAACTTCTTGGCAGTTACATCCTTGGGGAGGATTTTGCAGACCTTTTGTGATTGTGATTAC  
 AAACGCATTAAGCCTGGATTCTTCTCACATTTCCCAAGCCAGAGGCCTTTCTACACACTCGAGAATGAT  
 GAAGAGAAGGATGAGCTGCCGTCTCTGGATAAACCGGGCTGGTACTCCCAAGGGAACGCTGCCACCTTT  
 ATGAGCTTCTGAAGAAAATGACCAGCAAGCCTGAACCCAAAGTCGTTTACTTTGGTGACAGCATGCATTC  
 AGACATTTCCAGCCCATCACTATACTAACTGGGAGACTGTCTTATTCTCGAGGAGCTTCAGGGGCCA  
 GAAATGGAAAAGCCTGAGGAAGCAGAGCCTCTGGAGAAAAGAGGAAAATATGAGGCACCAATGGTAAAGC  
 CTCTAAACACCTTGCTAATAAGTGGGGCTCATACTTTATTGACTCAGTCTCCGGACGGGGAGGGCAGA  
 AGACTCTGTGGTTATACATGGTCTCTAAGAGAATCAGCACCTACAGTACGATTGCAATTCCAAACATT  
 GAATCTATTGCAGAGTTACCCCTGGACTACAAATTTACAAGATTTTCTACAAACAATTCAAAATGGCTG  
 GTTACTATCCCTTGGTCCATCATACCTTGGGTTCTCAAGACACAGACAGCAAAATAATATCTACTGAAAA  
 ATGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_176968

**Insert Size:** 1404 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\\_176968.4, NP\\_795942.2](#)  
RefSeq Size: 2716 bp  
RefSeq ORF: 1404 bp  
Locus ID: 319638  
UniProt ID: [Q8C5P5](#)  
Cytogenetics: 10 B1