

## Product datasheet for **MC216059**

### 5830411N06Rik (NM\_175533) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	5830411N06Rik (NM_175533) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	5830411N06Rik
Synonyms:	Scart2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC216059 representing NM\_175533  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGGCATTCTCTTTTCTCAGACTTTGGCCTCTACTGCTGCTGACCTGCTGGACTCTCGTTCTGATCTGG  
CTCTTGAGAACTTCGTGAGTTTCTGGGCGGTGATAATAAATGTGAAGGCCAAGTACGCTTGCGGAATGG  
TGGCAGTGGGGCCTTATGTGTGCAGACGGCCTGGGCATGCAGGAGGCCTCAGTGATCTGCAGAGAGCTC  
GGCTGTGGCTCTGTGAAGTTTATGCCCCGGTATGTTTTGACACCTGAAGAGATGAGGCAACCTTGCTAT  
ATGATGCCAGTGCCATGGCAATGAATCCACCTTCTGGAGTGCCGTCTGGGGTCTGGGGGACCATCAG  
TGGCTGCAAAATGCCAGTGTGTGGCTGTGATTACCTGCTCTGGTGTACCACACTACAAATGGGGCTAGTT  
GATGGTGGCAGTCTTGTGCTGGGACTGCACAGGCCACTGGGGCTTCCAATTTTGCCTGAGATGTGACT  
TGCATGAGAAGGAGGCTGGCGTTGTCTGCAGACAGTTGGAATGTGGCACTGCTCTGCAATGGTCCAGAGC  
CCACGATGGAACAAACGGGAACAGGAGCAGAAGTACCTTACATGCCAGGGAACAGAGACCAACATTTTA  
CAATGCCTGATCAATGTGAACGTCTGGAGCAATGTGACCTTCTGACCTACACCCAGGTTGTATGCACAG  
GTCACGTGGAAGCCCGGCTGCTAGGTGGTGTACACCCCTGTGAAGGACGCCTAGAGGTTCTTAGAGGACT  
TACCTGGGGCACTGTCTGCCATGATGACCTGGACCTGCCATGGCCACGTGTTTGTAGGGAGCTGGGG  
TGTGGCACTGCTGATCCATACTCGGGAGTTCCCACTTTGGCTATGGATCAGGGCCTTTGTGGACAGAGG  
CCTTTTCGCTGTATGGGCAACGAATCACTGCTGTTCATTGTCTGAGGGAACCTGGACACCAGTGTGGCA  
TGATCAGGATGCTGCACTAATCTGCTCAGGGGAAAAGTCCGACTGGTCAATGGCAGCAGCCGCTGTGAG  
GGCCCGTGGAGCTTTTGGTACAGGATGCCTGGCAACCCCTCTGTGCTGCCAAGTGGGACTTAGCAGATG  
CCACTGTGCTCTGCCACCAGCTCAACTGTGGCTATGCAGTGGCCACACCGCAAGGAGGCCACTTTGGAAA  
TGTGGAAGGTCCCATCAGGACAGATGTGTTTCACTGTGTGGGAACAGAGCCCACTTACTGAGCTGCCCA  
ACAAGCACCTTAGGGGCCAGGCATGCGCACTGGGAATTCAGCCTCGGCTCTCTGCTCAGGTGAGTGCA  
GGCAGCCTTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_175533

**Insert Size:** 1341 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\_175533.3, NP\_780742.1  
RefSeq Size: 2897 bp  
RefSeq ORF: 1341 bp  
Locus ID: 244234  
Cytogenetics: 7 F4