

Product datasheet for **MC223628**

5830411N06Rik (NM_001128146) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: 5830411N06Rik (NM_001128146) Mouse Untagged Clone
Tag: Tag Free
Symbol: 5830411N06Rik
Synonyms: Scart2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC223628 representing NM_001128146
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCATTCTCTTTCTCAGACTTTGGCCTCTACTGCTGCTGACCTGCTGGACTCTCGTTCTGATCTGG
 CTCTTGAGAACTTCGTGAGTTTCTGGGCGGTGATAATAAATGTGAAGGCCAAGTACGCTTGGGAAATGG
 TGGGCAGTGGGCCTTATGTGTGCAGACGGCCTGGGCATGCAGGAGGCCCTCAGTGATCTGCAGAGAGCTC
 GGCTGTGGCTCTGTGAAGTTTATGCCCCGGTATGTTTTGACACCTGAAGAGATGAGGCAACCTTGGCTAT
 ATGATGCCCAGTGCCATGGCAATGAATCCACCTTCTTGGAGTGCCGTCTGGGGTCTGGGGGACCATCAG
 TGGCTGCAAAATGCCAGTGTGTGGCTGTGATTACCTGCTCTGGTGGTACCACACTACAAATGGGGCTAGTT
 GATGGTGGCAGTCCTTGTGCTGGGACTGCACAGGCCACTGGGGCTTCCAATTTTGGCCTGAGATGTGACT
 TGCATGAGAAGGAGGCTGGCGTTGTCTGCAGACAGTTGGAATGTGGCACTGCTCTGCAATGGTCCAGAGC
 CCACGATGGAACAAACGGGAACAGGAGCAGAAGTACCTTACATGCCAGGGAACAGAGACCAACATTTTA
 CAATGCCCTGATCAATGTGAACGTCCTGGAGCAATGTGACCTTCTGACCTACACCCAGGTTGTATGCACAG
 AATCCACAAGAAGCCTGGAGACAGAGACAGGTACCTGCTGATCGTGTGACGCTGGGAACTGCACCCC
 CAAGGAGATCTGGCATGGGACTGTTCTCTTGGGCTGTGGCCTTTGATGCTACCTGTTGGAGCCTTCT
 TCTGGGAACAGCAAAGGTTGGTGTGACACCAGGAGTCTTTGCATGCTACTTCAAGATGAGGAATGGT
 CCAAAACTCACCAGGGAAGTCAAGAACAGAAATTCGTGTCTTGCCAAGGAACAGAGGCTGACATTTTCTA
 CTGCAAGATCAATGTGAACCTTTCAGAGCAGTGCACCTTCAATCTTACACCCAGGTTGGTGTGCACAGGT
 CACGTGGAAGCCCGGCTGCTAGGTGGTGTACACCCCTGTGAAGGACGCCTAGAGGTTCTTAGAGGACTTA
 CCTGGGGCACTGTCTGCCATGATGACCTGGACCTGCCATGGCCACGTGGTTTGTAGGGAGCTGGGGT
 TGGCACTGCTGTATCCATACTCGGGAGTCCCACCTTGGCTATGGATCAGGGCCTTGTGGACAGAGGCC
 TTTTCGCTGTATGGCAACGAATCACTGCTGTTCCATTGTCTGAGGGAACCTGGACACCAGTGTGGCCATG
 ATCAGGATGCTGCACTAATCTGCTCAGGGGAAAAGTTCGACTGGTCAATGGCAGCAGCCCTGTGAGGG
 CCGCGTGGAGCTTTTGGTACAGGATGCCTGGCAACCCCTCTGTGCTGCCAACTGGGACTTAGCAGATGCC
 ACTGTGCTCTGCCACCAGCTCAACTGTGGCTATGCAGTGGCCACACCGCAAGGAGGCCACTTTGAAATG



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TGGAAGGTCCCATCAGGACAGATGTGTTTCACTGTGTGGGAACAGAGCCCCACTTACTGAGCTGCCAAC
 AAGCACCTTAGGGGCCAGGCATGCGCACTGGGAATTCAGCCTCGGCTCTCTGCTCAGGTCTCCAGGAT
 GCCCTTCGGCTGAGGGAGGGACAGATCACTGTGATGGCCGAGTGGAGGTCTTCTGGATGGCACGTGGG
 GTCGTGTGCTGGACAGTGCATGGACCTGCGTGATGCTGCTGTGGTGTGCAGGCAGCTTGGGTGCGGAGA
 GGCACAGCTAGCCTATGATGCGCCAGCACCAGGCCATAAGACCATTCTGTGGGGCTGAGTCTGGTGAC
 TGCTTGGGCTCTGAGACCCACCTGACCCAGTGAATGTATCTGCTTCTCTGCTGGTTCATGCAGGACTT
 TGCGGGATGCAGGAGTGGTGTGCTCGGGAGCTTGCACATACGGTTGGCAGCGGTAAGAACCCTGTGC
 TGGCGTGTGAAGTATTCTATCAGGGCACATGGGGCACCGTATGTGATGATGCCTGGGACCTGCAGGAT
 GCCCATGTGGTCTGCAGGCAGCTGGGCTGTGGTATGCCCTCAGTGCCCTAGGGCTGCCCACTTTGGAG
 CAGGAAGTGGGCGCATCTGGATGGATGAACTGGGCTGCATGGGTGAGGAGGCTGCTATGGGAGTGCCA
 GTCAGGAGGCTGGGGCCAACAAGATTGTGGGCACAAGGAGGATGCAGGCGTCATCTGTTCAGAATTTATT
 GATGTGAGGTTGCAAGAACATAGTCAGCCATGCACAGGACGACTGGAAGTTTTCTACAATGGGACCTGGG
 GTGGTGTCTGCCAGTCTCTGAATGCTGCCTCCCTGAGGGTTCTGTGTGAACACCTGGGCTGTGGTCCCA
 AGGGCAACTGCTGGCCAGGCCAAGGGGCTCGTCTACGATTGAGACTGTCTGGTTGAAGTCCATTCAGTGC
 AGGGACAAGCATGACATGTCCTTATGGCAGTGGCCCTCAGAACCCTGGAACAGACATTCTGTCTTAGAG
 GCGAGGAAGCTTGGTTGGCATGTGCAGAAAAGACAGAAGTTTCTCAGGATATGGAGCAGATTGCCAACTG
 CTCATCAACTCTTAGCTGCCAGAGGAAGTGCCTTCGTGTACTTGGGGGTGAGAACGGCTGCTCTGGA
 CGAGTGGAGCTCTGGCATGGAGTTTATGGGGCACAGTGTGTGACGATTCTGGGATCTGGCCGATGCAG
 AAGTTGTTTCCGGCAGCTGGGCTGTGGCCAGCCATAGCTGCCTTGCAATGCTGCCTTTGGCCCTGG
 TTCAGGGCCTGTATGGCTGGATGAAGTGGGATGCCGAGGCAGTGAAGTGTCTCTGGGAGCCTGCCAGGCA
 GAACCATGGGGATATGGAGACTGCTCCCAAGGAGGATGCTGGTGTGCGCTGCCTAGGTATCCCTGGAA
 CCATGGCATCCGGCAATCTTCAGCTCCTCCACCTGTTCTGAGTCTGGACCATGCCTGAGATTGCCTG
 TCTGGTCTGGCTGCCTTTGGGCATAGTCTTCTGGTCTGGCTGTTTCAGTGGTGCATAGCAGAGCC
 ATTGGCCTGGGTTCTGGAGCAGTGGCGGAGCTGCCCTCAGAGGTTGTCTATGAATGCATTGAAACAGTCC
 CTATGGATGAGAAAGAGGAGCCAGCAGCATCCCAGAGTCCAGTGCAGGATGAGGATTATGATGATGCAGA
 AGAGCCCAAGGACAGCCCGGGGAAGATATGGAGGCTGGGCACCATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM_001128146
- Insert Size:** 3339 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_001128146.1](#), [NP_001121618.1](#)

RefSeq Size: 3342 bp

RefSeq ORF: 3339 bp

Locus ID: 244234

Cytogenetics: 7 F4