

Product datasheet for **MC224373**

4931408C20Rik (NM_001033764) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: 4931408C20Rik (NM_001033764) Mouse Untagged Clone
Tag: Tag Free
Symbol: 4931408C20Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC224373 representing NM_001033764
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGAATATTTTCCTTCTGATGAATAGCATTATCACTTATGGAAGATCCCCTGCTCCATGTCCATAG
TAGTGGACATAAGCTTTGCCATTATGTGTGGTGTGGGGCTTTTTACCTACTAATACCATTCTGAAGGA
GTATCCAGAGTCACCACCACCGGGAGAGAAAAGAACACCCCAAAGGTGGTACTGAGGGAGCAGAACATG
GCCAGGAAGAAAAGCTGCTACCATAAAAGCTTTCAGAAGCTGCCAAAAGAATTTCGAGGATCTCAGAATG
TACCACAACCTATGGAAGGCCATTTCATTGTCCTTTACTGGACTCTTCTCCCCACCCACTTTGGTACTC
TAAGGAGAAAAGTGAATCCGCTTCCCTCCCTCAGCTGTTTTCTTATCTCAAGTTTTAGAAAGTTCTTATA
CAGCAGAAATTTAACCACTTTTATGGGCATATCCTCTGTGATCTCTGAGGCAGTTGTGGCTACTGCCCT
GGGCGTCCAGGAAATCCTCCTCAGGGCATAAATCTGTCAGGTTTACTGATGCATGTGACCCTGTTCAAGC
TCTACCTCTGGCTAAAGAACCTCCACAGCTTTCCAGGACCAGCACTGCCCCACCAACTCTGACACCA
AGCTTGGTAGGTGAACAGGAGTTCAGAACTAGAAAACCTCCCAAGCTCAATACCAACCAATCACGTC
CTTCATCCAGAGAAGAGCCAATAGAAGGGCACATCCTACTGCTGAGGTAGGGATACAGACATCCCTTCC
AAATGTAAAAGAATGCTCAACACACAGACTAGATTGGAAGACATTGCAGGTTGTAATGTCCAAAATTTG
CAAGCAGCCATTAGCCAGCCACTGACAACCTCGTCCAGGGGCACCCTGCCTGTTAAAAGTATCACATCAG
CCTTATCCTTCTGAGCATTATCAAAATGATCCACCATCATAAGAAGAGACAACCTGAAGAGAAGGCAAT
TAATGAGGGAAAACAAAAGGAACCCATGTGAGATTCTGTCCATCTAGTGAAGTACACAGCTTCAGGGA
ACTTTCCAACCAATGGTGTGTTATTGCAAGAACCTGCCTGAACCAACCAGCCTGGCCAGCCCTCTA
TCCTCAACTCCAAAAGCTACAAGTTGAGCCAGATGGCGGGGTCTGTGCCACAGGGGTCCCTTAAAGAG
GGCCTTAGCTAATTCTGATATGCTTAGCACATTCAGAAGAATCCAGTGTGGGGCCAAAGATCTGCCT
TGACTTCAAGCTGCACTCCTGGGAACAGTTTGGAAATCCAGGAACCTGTGCTGAGGACAGATGATCTGC
TTCCATAAACACCAGCAAGGATCTTCCCTTCTTATTGATTCAAACACTAAAATGAAGCTGGAATTCAGCAT
CATGCGGCATTTTGAAGATGTAGAAGGAGATTACTCGGTGTTTCCAAGGCTGAATATTATCCCAAAGCT
GCCTTGATCCTGGAAAATTGCATCACCAAGATCCAGGAGGGATAAGGGTAGAAAAGTGTATCATCTTCCA
GGTTGGAACGTCCTCTGTTTGAACATTCACCTCAGGAGACCCAAAAGCCCTCAAAGTGTGCCAACCA
TGGACCCTAACATCCCCTCTAGATCAACAGCAGAGAAACCAGAATGTTTCAGCCCATACTTTCTGTTTC



CATGCAAACCCAGCAGAACAGAAACAATTCAAGGAACTGGGAGAGGCTACCTGCAATCAGACACCAGCC
 CAGGAATGGGCAAGCATGCACCCTGGAAGCAGTCTGAAGATGTACCCTCAGGACATTCCTGCTTGAGTGC
 AACAACTGTGGGCCCTGAATACAGAGTCCCACCTTCAATGGCCAAACTAACCAACACATTGGAGGTAAAA
 GAAGACCTACCTCCTGCATGGAGGGTGAAGTCTGGGATCCAGTGAAGTCCCAATGGGCAAGCCATCAATA
 TTAATCTCAAGGACTTTGAGTCTTTAGATGCCAAAAGAAGCCAGGCCATCTCCAAAACCTACTGCTCA
 AAATCAGGGGACTTGGTTCTAAAAATAAAATAGATAATAACATTGACTTAAAACCAATGAGCATCCA
 CAGTCTTGGCCTGTGAGTCATCACCCAGATGCCCCAATACAGTACACCCTGCCAAGGTCAGCTTACCTT
 CACAGAACTCACTGCCAACTTTTCAAGATGGATGGCAAAACCTCAAGACTTACAGGGATTAGGTAATCT
 CATGAGTAGTGATCAGAGTGTGGAGACTAGGGAGTTCAGATTCCACAAGGATAGGATTGAAGCAAAGAAT
 GACAATGTATTTCTCCCTTGAAGTGAGGACCACTGTTTTGAAATCTGAGAGCATAAGCCAGGGAGAAA
 GGCTTGGGAGAGTAAGTCTTATCCCGAGCTCCATCCAGCTCAAGGATACAGCCAAGCTTGAGAGTCA
 GTCCTCCCTTAATATAGCAGGAAAAAGGGAGGCTCCTGCTATAAGTTCCTCGAAGAATATCACCAGAAAT
 ATTGACAAATATGAAAGCCTCAGCAAAACATACAAGGGGCAGGGGACTCTTTGAGGAATGAAATCCCC
 GACCAGTTACAGGGCTACAGGAGGTAGTAGATAGAGAAAATCTCTTACAGTACAGCAGTTGAACTACA
 AGTCTCCTAATTTCTGCTCCAGAACCTGGAGAAAAATGTAGATGACACATCCAACTCCCATAGAT
 CCTGTGACCCAAGGACAAGAGGATAAAGTGGAATCATTGGCATTTCAAATGGGTGACTCCACCTACACTT
 CTGAGTGTCTCTATGACCCAAACCACAGCAGACCAGCAAGAAGAATGAGCAGTGGCCACACCAGCTCTGA
 GAAACACAACCACACTTTCTCATTAGTGGAAATCGGAGTCAAAGCACAGTCAAGCATTGATGCCAGAGA
 CCCTGTGACAAACATCTGAAAAAGCAAAAAGAAGAATGGACTTTGTCCAGCTGCCTACTCCCATGGGAA
 ATGATTATCCATGTTGTTACAGGGGAGATGAAACAAGCAGGAGTCAAGTCTTGTACCCAGAGATCGTG
 TGACCTAGGCCAAAGTAGAAGAAAAATGGAATGGGAGACTCTCCACATGGAGGCTCCAAGGGGCACAAG
 CACTCATTAGATACACAGGAATTAGAGACAAACAGGAGCCAGTGTGTGACCAGAAAATCTTTGATCCAC
 ATCAAAAACAAAAGGAGTGGACTGTGATCCACTAATGATTCTCAAAGATAACCTTCCAGTCAAGGA
 CAGGGGAGCTGGAGTCCAGGAGCAGTCAAGTCTTGTGCTGCCAGGGACCCTATAACCCAGATGAAATGAGA
 GCAAAGAGAGGAAAGGAGTGTCTCCACATATAAGCCCTGAGATGCATAACCATTCACTCAGATACAGAG
 AAATCAGAGATGAATCACAGCCCAATGTTAATGCCCAGAGAGCCTGTGACCAACATCTGAACAGCCAGAA
 GAGAAGAATGGCCTTTGACAACCTCCTCACTCCTAAGAACAACCATTGATGTCAGCACAGGGTAACTAGA
 GACAAGCAGCAGTTAGGGCTTGTGACCATAAATTTCTGTGACCCAGAACAATAGAAATGAGTGGAAATGG
 GACCCTGTCCACAAGAAGCCCTAAGGAGCACAGCCTTTCATTGATACAAAAGAAATTTGAAGAAAAAGT
 GCCGTCTTGTGTTAATACCCAGGAAACCATGATGAACATCCAAACAGTGTGAAGAGAAGAGGCTTTGAC
 CACGTCCTCCACTGCCACGGGAAACAACCATTACACAATTACAAAGTAATCAGAGGCAAGCAGCAGTCAAG
 GTCGGGCTGACCTGAGAGCCTGTGACCCAGGTCGAATAAAAAGAAAAGTGGAAATGGCTGGCTGTACACA
 TACATGTCCTGATGGGTACAACCTTTTATTTCAGGTACAGAATAATTGGAATAATGAGCAACCAGGCATT
 GTCCTTAGAGCCTGTGACCCACATCAGAATACAGAAGAAAGAATGTGCCATGGTCAACCTGTGAGTCCCA
 ATGTGAACCATTTGGTCAAGCACAGGAAAAATGGAGGCCAACACCAGTCAAGTGTACTGCCAGGGAGC
 CTCTGACATGAGGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001033764
- Insert Size:** 4146 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_001033764.3, NP_001028936.2

RefSeq Size: 4331 bp

RefSeq ORF: 4146 bp

Locus ID: 210940

Cytogenetics: 1 A5