

Product datasheet for **MC217975**

BC021381 (BC021381) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BC021381 (BC021381) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	BC021381
Synonyms:	MGC29235, MGC38018, MGC39032
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >BC021381
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAGGGGGGCACCCTGGGCGGGATCCCTGGGGAGCCTGCGGTGGACCACCGAGATGTGGATGAGCTGC
 TGGAAATTCATCAACAGCACGGAGCCCAAAGTCCCCAACAGCGCCAGGGCTGCCAAGCGGGCCCGGCACAA
 GCTGAAAAAGAAGGAAAAAGAGAAGGCTCGGTTGGCCACAGAAGCTCTGAAGCAGGTGAATCGTGTTTCT
 GGAAGCCAGGAGCCAAGGCTGCCAGGGAGAGGCTCCTAGAGTGGCTGACCAGGAACTGGACCGGTCA
 ATAGCTTCTTGAGCAGCCGCTTGACAGGAGATCAAGAGCACTGTCAAGGACTCCCTCTGTGCCAGCCTGAG
 TATGTGTGAGCTCAGCGTGGAGAGCAGTGGGTTTAAGGAGGGGACTGTGGAAGCTCAGACCCTCACTCT
 TCAGACCTCAGTGGCTCCTCTCAGAACGGCCTGACATCAACCTTGACCTGTCCCCTTTGACCTGGGTT
 CCCCTCAGAGCCACACGTTACAAGCCCCAAGTGAACCAGTCCCACCTGGGCAGAAAGGAGAGACCCTCA
 CCCACCACCATGGACAGAGGTGAGGGGCCACCTCCTGGTATCCCTGAGAATGGGCTTGAGAAGACTC
 AACACTGTGCCAACCTGTCCAGGGTATCTGGGTCAAGACACCCAAGCCAGGCAACCCAAGCTCTGAGG
 AAAGTTCAAAGGAAGTCCCAGTTGCAAACAGGAATTATCTGAGCCTGTGGCCACAGGTGAAAGCCAAA
 AAAGAGCAAGAGACAGGGAAGTCAAGCAAAGAAGACTTTGGCAAGTCCAGCCCCCTGGTCAACAGCCAAT
 CTAGAGGCTTCCGGTGCCAAGAGCCAGGTATCTAGCCCCAAGCAGCCAGCAAGGGCTCAGAGCCTGCCA
 AAGTGGGCAGTGGTGCAGAACCTGGAGAGGGCAGTCCGGGGAGCCGGCCAGGACCAATTCAGGCTGACAG
 CCCCAAAAGTACAAGAGGGTGTCTTCTGGCAGAATTGGCCAGGTGGGGCCAAGGCACGGACTCTGGAG
 CAGGAATCTGAGCAGACCCTGGTCCAGCAAGGCCACAGAGCTTGTCCCAAGGCAAGGGCCGACCCGCC
 GGAGCCGAAACAAGCAGGAGAAGTCAAGCTCCTCCTGGACGATGTGTTCTGCCAAAGACTTGGATGG
 GGTGGAGATGGATGAGACAGACCGAGAGGTGGAGTACTTCAAGAGGTTCTGTTTGGATTCTGCAAAGCAA
 ACTCGTCAGAAAGTTGCTGTGAAGTGGACCAACTTCAGCCTCAAGAAAACCACTCTAGCACAGCTCAGT
 GA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: BC021381

Insert Size: 1332 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: [BC021381](#), [AAH21381](#)
RefSeq Size: 1945 bp
RefSeq ORF: 1331 bp
Locus ID: 212483
Cytogenetics: 13 B1