

Product datasheet for **MC219946**

Wdcp (NM_173416) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Wdcp (NM_173416) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Wdcp
Synonyms:	A430092C04
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219946 representing NM_173416
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGCTGGAAACGGAAAACCTGCCTAGGACAGGACTGAACTACTGAACCAAGCAGTCCATCCAACCT
 GGGCCTGGCCTGGACTGATGGGAATCGTGTAGTCTGACTGACTTACAGCTTCATAGTGGAGAGGCCAA
 GTTCGGGGACTCCCGTGTCAATTGGAAGGTTGAATCTGTCTGTGGGGTTTCTGGGCACCAAGTCCAGAAC
 GTGCGCTCGCCGGCTCTGCTTGCATCCAGCACAGGAAGCTTGTCTCCGTGTGGCAGCTGTGTCCCAGCA
 CTGCAGGAGCAAGCAAATGGCAGGCGTCTCAGACCTCTGAGGTACAGGAGTCACTCCCTATCCTTCTCG
 GGGCTGCGTGTGGCACCCAAAGGATGCTGTCTGACCGTGTGACTGCGCAGGGTGTCTCCATTTTTCT
 AACGTCCACCAAGATGGTCCAGGGTAAAAGTGGACGTCAACACCAAGGGCCGCTTTACTGTGCTTGT
 GGACCCTGGATGGCCAGCGGCTGGTGGTGGCAATAGACAGCAACCTTCATTTCGTATATCTGGACAGTTC
 TCAGAAGTCCCTCACAGCTGCTCCTTCTGCCAGTGTTCCTGTGAATTGCTCCATCCGCTCCATCGAA
 GCCACCGGAACTCGCAGGTTGCTATAGCCACCGAACTTCCACTCCATAAGCTTTGTAGCTTAAATGCAT
 CTGAAGCCTTGGACGGTCCACCCAAACGGTACGATGGCTCTGTTCACTCGCCCTGTAGATGAGCAGGT
 AGCCACTATGGACATGAATTCTGGAGTGACAGTTTCTCCCTTCTCAGTGCCTCTGGATCTGACTCACATA
 CATTTCAACCCATCACAAGCTGAACAGAGTTCTCTTATTTGTTTAAAGAAAAAGGACTACTTGACAGGAA
 CTGGCCAAAGATCTTACATTTGATCCTGGTAACCTTTAAGAAAGCAATTACCATAACAAAAAGGTCCG
 TATTCCTGGCATCCTGGTTCCTGATTTAATAGCATTTAACCTGACAGCAGAGCTAGTGGCCGTGGCTTCC
 AATACGTGTAACGTAATTTTGTCTATTCGGCCGCTCCATCTTCTATGCCAAATATCCAGCAAATTCAGT
 TAGAGAGTAATGAAAGACCAAGGGCATATGTTTCTTGACAGCAGACTATTATTAATTGTGTAGGGAA
 ACAAAGCCAGTGAAGCAGCCTTCTCCTTCTCAGAATACGGTCAGTATACTGTTCTGTGATAGTT
 AGAGAAATGGCCAGGGAAGCGAATCTTCTGGAACATCTGCTGAGAGTCAGGGCGCTTACTCCGACTTCA
 CTGCTTTGTAAAGTAAAGCAGATAGAGAAAAGTCACTGACAGCCTTCCCCAGGGTTCGAGTCCCCTGAG
 CCAGGGGCTCTTGCTAACACCTAACTCCAGTACTCAGAGTGGGAGGTCTGGAAGAGCCCTTATTCAAGAA
 ATTTAAAGTCCCTTGTCCCCTCTGTCCAGTATTCCGTTGTCCATGAAACCCTTTCACAGGCCCCCTGGC
 TTTGCCAGCATTGCCTAGACCCAGCAGGACCCAGAGCACACCAGCAGCCAGAACTGAATTCACCTCA
 AAGGGAGAACTTACAAAAAGAAAAGGAAACGTGCCACTTCCAGAGAGCTGGAAATCCTCTCTCGACAC
 CTGTTTGGATGCAGCAGTATCTTCTGAACTCACGGTTTTCTACACAAGGAGAAGCGCTCGCCCCCG
 CATATCCACCCTCGCAGGATGCTCCATATGTTACCTCATTTACCAGGTACAGTCTTTCTTGAGGAACTT
 CCACTATACAGGAAGCTCTGGAATCCAGTCTGTCTGCCAGCAACGCTGTGGGGACGGTGGGGAGGGCGG
 GAGAGTGAAGCCAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_173416
- Insert Size:** 1908 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_173416.3](#), [NP_775592.2](#)

RefSeq Size: 2936 bp

RefSeq ORF: 1908 bp

Locus ID: 238037

UniProt ID: [Q6NV72](#)

Cytogenetics: 12 A1.1