

Product datasheet for **MR220407**

Wfdc8 (NM_001080550) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Wfdc8 (NM_001080550) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Wfdc8
Synonyms: Gm706
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR220407 representing NM_001080550
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCAAGTGTGGGTGCCACAGAGAGTCCCGGGTACTGCTTCAGACCTGTCTCAACTCGCCACCCCA
 GGCAGATCCCTTCTTGTCTCCATCTGTTTCTCACCCATGAAGCGCAGTCCCTCCGCGCCCTTGCCCA
 CTCCTGGTGGAGTGGAGCTCTGCTGCTGCTGCTGTTTCTCTCTCTCCTTGGAGCAGACCTCAACA
 TCATAACAAGCAAGATCAAACAAAAGTGGGAGAGTGCCTAGGCAGCGTTGGAAATGCAGAAACGAGA
 GTTTGAGCTCCTGCAAAACGGACTTCAACTGTAAGGCGCATTTCAGTGTGCCAATTTGCCTGTGGGAG
 GAAATGCATGGATCCCTATGAAGAGCCCTGCATGCTACCCTCAGACAAAGGAAACTGCCAGGACATTTTG
 ACGCGCTGGTATTTTACTCTCAGAAGCACCAGTGCAGAGCCTTTCTATACAGTGGATGCCGTGGGAATG
 CGAAACACTTCCTCACCAAGACTGACTGTAGAAACGCTTGCATGTTTGTGAGAAGAAAGGACAGTGCC
 GCTGTTCCCTTCCAAATGCGAATGGAGTGCCAGCCTCCTGTAAGAACGACATGGATTGCCCGGAGAAG
 GAGAAATGCTGCGAGTCCAGGTGGCTTTCATCTGTGCCCGAGTCTGGCTAGTTAAACGGGCTTCTGCC
 CGCGGAAGCCCATAGTGTGCTTAAGATCGACAAACCAAGTGCCTGCAGGACATTGACTGTCCCCTGGA
 TGAGAAGTGTGCACCCGCTGTGGACTGAAGTGCTTGAACCCAGACAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR220407 representing NM_001080550
Red=Cloning site Green=Tags(s)

MAKCGVPQRPVPGDCFRPVSTRHPRQIPSCFSICFLTHEAQLRALAHSWWSGALLLLLLLFLFLSLEQTST
 SYNAKIKQKVGECPQRQLECRNESLSSCKTDFNCKAHFKCCQFACGRKCMDPYEPCMLPSDKGNCQDIL
 TRWYFDSQKHQCRAFLYSGCRGNANNFLTKTDCRNACMFVEKKGQCPLFPFQMRMECPASCKNDMDCPEK
 EKCCESRCGFICARVWLKVTGFPCRKPIVCSKIDKPKCLQDIDCPLDEKCCTRCGLKCLKPRH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9006_h06.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001080550

ORF Size: 819 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001080550.2](#), [NP_001074019.1](#)

RefSeq Size: 1794 bp

RefSeq ORF: 822 bp

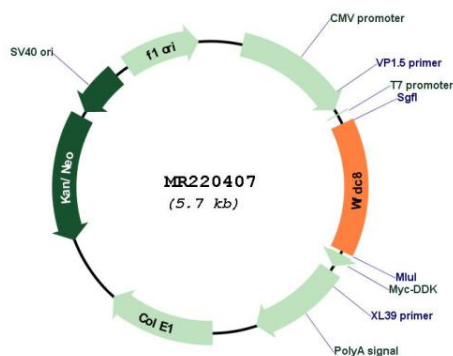
Locus ID: 277343

UniProt ID: [Q4KUS1](#)

Cytogenetics: 2 H3

MW: 31.7 kDa

Product images:



Circular map for MR220407