

## Product datasheet for **MR228883**

### Wfdc8 (NM\_001276431) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Wfdc8 (NM_001276431) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Wfdc8
Synonyms:	Gm706
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>MR228883 representing NM_001276431 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGCCAAGTGTGGGTGCCACAGAGAGTCCCGGGTACTGCTTCAGACCTGTCTCAACTCGCCACCCCA  
GGCAGATCCCTTCTTGCTTCTCCATCTGTTTCTCACCCATGAAGCGCAGTCCCTCCGCGCCCTTGCCCA  
CTCCTGGTGGAGTGGAGCTCTGCTGCTGCTGCTGCTGTTTCTTCTCTCCTTGGAGCAGACCTCAACA  
TCATACAACGCCAAGATCAAACAAAAGTGGGAGAGTGTCTAGGCAGCGTTGGAATGCAGAAACGAGA  
GTTTGAGCTCCTGCAAAACGGACTTCAACTGTAAGGCGCATTCAAGTGCTGCCAATTTGCTGTGGGAG  
GAAATGCATGGATCCCTATGAAGAGCCCTGCATGCTACCCTCAGACAAAGGAAACTGCCAGGACATTTTG  
ACGCGCTGGTATTTTGACTCTCAGAAGCACCAGTGCAGAGCCTTCTATACAGTGGATGCCGTGGGAATG  
CGAACAATTCCTCACCAAGACTGACTGTAGAAACGCTTGCATGTTTGTGAGAAGAAAGGACAGTGCC  
GCTGTTCCCTTCCAAATGCGAATGGAGTGCCAGCCTCCTGTAAGAACGACATGGATTGCCCGGAGAAG  
GAGAAATGCTGCGAGTCCAGGTGGCTTCATCTGTGCCGAGTCTGGCTAGTTTCTGCTTTCCGCCTG  
GACAGCAACCAGGAAGAATTCTTCCCTGATAGACAAGAGAGACCCTTTCATCTTTTCAGTACACCTTTGG  
GGAGAGTGGATCACACGGCCTT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >MR228883 representing NM\_001276431  
Red=Cloning site Green=Tags(s)

MAKCGVPQRPVPGDCFRPVSTRHPRQIPSCFSICFLTHEAQLRALAHSWWSGALLLLLLLFLFLSLEQTST  
 SYNAKIKQKVGECPQRLECRNESLSSCKTDFNCKAHFKCCQFACGRKMDPYEPCMLPSDKGNCDIL  
 TRWYFDSQKHQCRAFLYSGCRGNANNFLTKTDCRNACMFVEKKGQCPLFPFQMRMECPASCKNDMDCPEK  
 EKCCESRCGFICARVWLVSCFRPGQQPGRILSLIDKRDPIFVTFVFGESGSHGL

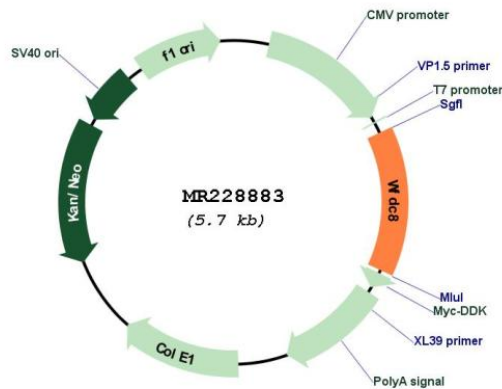
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001276431  
**ORF Size:** 792 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001276431.1</a> , <a href="#">NP_001263360.1</a>
<b>RefSeq Size:</b>	1530 bp
<b>RefSeq ORF:</b>	795 bp
<b>Locus ID:</b>	277343
<b>Cytogenetics:</b>	2 H3
<b>MW:</b>	30.6 kDa