

## Product datasheet for **RN214848**

### Wfdc18 (NM\_133537) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Wfdc18 (NM_133537) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Wfdc18
Synonyms:	Expi; Kal1; WDNM1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN214848 representing NM_133537

Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGAAGACAGCCTCAGTCTTGCTTCTGGTGGCTTTGATCGCCGTGGGAATGAACATTACCTATGCTCTGT  
 TTTCTCCCAAAAATTAGAAAACTGGAAAGTGCCCAAGAATCCCCAAGAAGATTGGCACTTGTGT  
 TGAATTATGCTCAGGAGATCAATCGTCCCCAACATACAGAAGTGCTGTTCCAATGGCTGTGGTCATGTT  
 TGCAAATCTCCTGTCTTT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_133537
Insert Size:	231 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).



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Reconstitution Method:	<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>
RefSeq:	<u>NM_133537.2, NP_598221.2</u>
RefSeq Size:	440 bp
RefSeq ORF:	231 bp
Locus ID:	171059
Cytogenetics:	10q26
Gene Summary:	may mediate the invasive and metastatic potential of mammary adenocarcinomas [RGD, Feb 2006]