

Product datasheet for **RN206464**

Wdfy2 (NM_001107269) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids

Tag: Tag Free

Symbol: Wdfy2

Mammalian Cell Selection: Neomycin

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >RN206464 representing NM_001107269
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGTCTTTTAACCCGGAACGAGAAGACTGTCCATAGGTCTAGACAATGGTACAATCTCAGAGTTTATTT
TATCTGAAGATTATAACAAGATGACACCTGTGAAAACTATCAAGCACATCAGAGCAGAGTGACGATGGT
CCTGTTTGTCTGGAAGTGGAGTGGGTGCTGAGCACAGGACAGGACAAGCAGTTTCGCCTGGCACTGCTCT
GAGAGTGGGCAGCGCTGGGAGGTTACCGACCAAGTGTGTGGCCTCGGGTCTGCAATTTGATGTTGAAA
GCCGTCATGTTTTATTGGTGATCACTCGGGCCAAGTAACCATCCTCAAAGTGAACAAGAAAACTGCAC
GCTGCTCACGTCTTTAGAGGGCACACAGGAGGGGTGACAGCACTCTGCTGGGACCCGGTCCAGCGCGTG
CTATTCTCAGGCAGTTCCGATCACTCTGTATCATGTGGGACATCGCGGGAGAAAAGGGACGGCCATCG
AGCTCCAAGGACACAATGACAAAGTCCAGGCCCTCTCCTATGCGCAGCACACAGCAGCTCATCTCCTG
TGGTGGCGACGGTGGCATTGTCGTCTGGAACATGGATGTGGAAGGCAGGAGACCCCTGAGTGGTTGGAC
AGTGATTCTGCCAAAAGTGTGACCAGCCTTTCTTCTGGAAGTCAAGCAAATGTGGACAGTAAGAAAA
TTGGGCTGAGACAGCACCCTGCCGGAAGTGTGGGAAGGCCGTGTGCGGCAAGTGCAGCTCCAAGCGCTC
TTCCATCCCCCTCATGGGCTTTGAGTTTGAAGTGGGGTCTGCGACAGCTGCCACGAGGCCATCACAGAT
GAAGAACGCGCACCACAGCCACCTTCCATGACAGCAAGCATAACATTGTACATGTACATTTTGATGCAA
CCAGGGGATGGCTACTGACTGCTGGAAGTGAAGGATTAAGTTGTGGGACATGACCCAGTGGTGTC
ATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001107269



Insert Size:	984 bp
OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery. 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
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_001107269.1 , NP_001100739.1
RefSeq Size:	6069 bp
RefSeq ORF:	984 bp
Locus ID:	305956
Cytogenetics:	15p12