

Product datasheet for **RG216218**

WDR5 (NM_017588) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WDR5 (NM_017588) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	WDR5
Synonyms:	BIG-3; CFAP89; SWD3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG216218 representing NM_017588 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGACGGAGGAGAAGAAGCCCGAGACCGAGGCCGCCAGAGCACAGCCAACCCCTTCGTCATCCGCCA
CTCAGAGCAAGCCTACACCTGTGAAGCCAACTATGCTCTAAAGTTCACCCTTGCTGGCCACACCAAAGC
AGTGTCTCCGTGAAATTCAGCCGAATGGAGAGTGGCTGGCAAGTTCATCTGCTGATAAACTTATTTAA
ATTTGGGGCGGTATGATGGAAATTTGAGAAAACCATATCTGGTCACAAGCTGGGAATATCCGATGTAG
CCTGGTCGTGAGATTCTAACCTTCTGTTTCTGCCTCAGATGACAAAACCTTGAAGATATGGGACGTGAG
CTCGGGCAAGTGTCTGAAAACCCCTGAAGGGACACAGTAATTATGTCTTTTGTGCAACTTCAATCCCGAG
TCCAACCTTATTGCTCAGGATCCTTTGACGAAAGCGTGAGGATATGGGATGTGAAAACAGGGAAGTGCC
TCAAGACTTTGCCAGCTCACTCGGATCCAGTCTCGGCCGTTCAATTTAATCGTGATGGATCCTTGATAGT
TTCAAGTAGCTATGATGGTCTCTGTGCGATCTGGGACACCGCCTCAGGCCAGTGCCTGAAGACGCTCATC
GATGACGACAACCCCGGTGTCTTTGTGAAGTCTCCCGAACGGCAAATACATCCTGGCCGCCACGC
TGGACAACACTCTGAAGCTCTGGGACTACAGCAAGGGGAAGTGCCTGAAGACGTACACTGGCCACAAGAA
TGAGAAATACTGCATATTTGCCAATTTCTGTTACTGGTGGGAAGTGGATTGTGCTGGCTCAGAGGAT
AACCTTGTACATCTGGAACCTTCAGACGAAAGAGATTGTACAGAACTACAAGGCCACACAGATGTCG
TGATCTCAACAGCTTGTACCCCAACAGAAAACATCATCGCCTCTGCTGCGCTAGAAAATGACAAAACAAT
TAACTGTGAAGAGTGACTGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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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_017588.3](#)

RefSeq Size: 3163 bp

RefSeq ORF: 1005 bp

Locus ID: 11091

UniProt ID: [P61964](#)

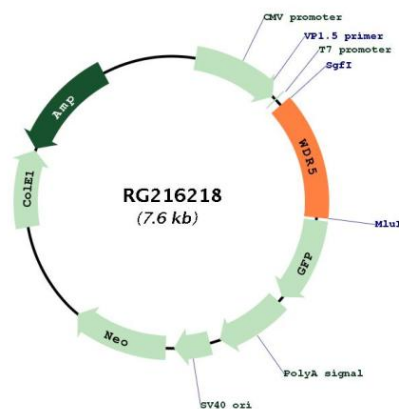
Cytogenetics: 9q34.2

Domains: WD40

Protein Families: Druggable Genome

Gene Summary: This gene encodes a member of the WD repeat protein family. WD repeats are minimally conserved regions of approximately 40 amino acids typically bracketed by gly-his and trp-asp (GH-WD), which may facilitate formation of heterotrimeric or multiprotein complexes. Members of this family are involved in a variety of cellular processes, including cell cycle progression, signal transduction, apoptosis, and gene regulation. This protein contains 7 WD repeats. Alternatively spliced transcript variants encoding the same protein have been identified. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RG216218