

Product datasheet for RN217594

Wdr19 (NM_001191679) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Wdr19 (NM_001191679) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Wdr19
Synonyms:	RGD1306997
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN217594 representing NM_001191679 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGCGGTTTTCTCCCTGCTAGAAAAGACTTGGCTTGGTGTCCAATACAGTTTGCCTGGCAAAAGT
CATCAGGAAACTACCTTGCAGTAACAGGAGCTGACTCTGTTGTTAAAATCTTTGATCGCCATGGCCAAA
ACGAAGTGAATTAGCTTACCTGGCAACTGTGTTGCCATGGATTGGGACAAAGATGGTGACATCCTGGCG
GTGATTGCTGAGAAGTCCAGCTGCATCTATCTATGGGACGCCAACACAAAATAAACCCAGCCAGCTGGACA
ACGGCATGAGGGATCAAATGTCTTCTCTTTGGTCAAAGATTGGAAGTTTCTGGCTGTGGGGACCAT
TAAAGGAAATTTGCTCATTATAATCATCAGACATCTCGAAAGATTCCTGTTCTTGGAAAACATACTAAG
AAAATCACATGTGGATGTTGGAATACGGAGAATCTCCTTGCTTTGGGAGGCGAAGATAGAATGATTACAG
TTAGTAACCAGGAAGGCGACACGATAAGACAGACACCAGTGAAATCAGAGCCAAGTGACATAAAGTTCTC
CACAAGCAAGACAGATGAGCGGATCTCCTCTGCCGAAAGCACAATAAGTGCGGTAGTTGGCAAGAAAATG
TTGTTTCTTTTCATCTGAATGAACCTGATAACCCGGTTGATCTGGAGTTTCAGCAAGCCTATGGCAACA
TCGCTGCTATAGCTGGTATGGAGATGGCTACATCATGATTGGTTTTTCCCGTGGAACGTTTTTGGCTAT
TTCTACTACTTTCCAGAAGTTGGACAAGAGATATTTAAGACTCGTGACCATAAGGATAATCTAACCAGT
GTGGCATTGTACAGACTCTGAACAAAGCTGCCACATGTGGAGATAACTGCATAAAAAATCCATGATCTGA
CAGAACTGAGAGACATGTATGCTATAATTAATCTGGATGATGAGAATAAAGGGCTCGGTACCTTATCCTG
GACTGACGATGGTCAGTTGCTGGCACTATCTACCCAGAGAGGCTCACTGCATGTCTTCTGACCAAGCTG
CCCATCTCGGGGACGCCTGTCACACAAGGATTGCATATCTCACCTCCCTCCTTGAGGTACCCGTGGCCA
ACCTCATTGAAGGAGAACCGCCAATCACAGTTTCTGTGGATGTTGAACCAACTTTGTCGAGTAGGGCT
CTATCATCTGGCCGTGGGATGAACAATCGAGCTTGGTTTTATGCTTGGTGAAATGTTGTCAAAAAG
TAAAAGATGTGGAATATCTGGGAACAGTAGCCAGCATCTGCCTTCACTTCTGACTATGCTGCTGCACTGT
TTGAAGGCAAAAATCCAGTTACATTTGATAGAAAATGAAATGTTGGATGCTCAGGAAGAACGTGAGACCCG
GCTCTTCCAGCAGTGGATGATAAGTGCCGGATTTTATGCCACGCCCTGACTAGTGATTTCTCATCTAT



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GGAAGTACTGGCATTATTCAGTATTTCTTCATCGAAGATTGGCAGTTTGTAAATGATTACCGGCATC
 CTGTTGGTGTGAAAAAATATTTCTGATCCAAATGGAACCAGACTGGTTTTATTGATGAAAAAAGTGA
 TGGATTTGTTACTGTCTGTGAATGACGCGACCTATGAGATCCCAGACTTCTCGCAACCATTAAGGC
 GTCCTTTGGGAGAACTGGCCGATGGATAAAGGTGATTCATTGCTTATGATGATGACAAGGTATACACCT
 ATGTGTTTCACAAGGACACCATCCAAGGATCCAAGGTCAATTTGGCTGGTGGCACTAACTGCCCTTCTC
 CCACAAGCCTTTGCTGTTATACAATGGAGAGCTGACCTGCCAGACTCAGAGTGGGAAAAATCACTCCATC
 TACCTCAGCACCCACAGCTTCTTGACAGCGTAAAAGACACGGAGCCTCCTGACCTGAGGCAATGCTGA
 TGCAGACCCTGATGCTCAAGCGGTTTCTGATGCTGGGATATATGCAAAATGCTAAACGACCCGACTTC
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 ATGGGGGACGTTGGCACCCTGATGCTCTTGAACAAAATAAGGGAATTGAGGACTACAATCTTTGGCAG
 GACATCTCGCCATGTTTACTAATGACTTCAACCTGGCTCAGGACCTGTACCTGGCATCCAATGCCCGT
 GGCAGCCCTGGAGATGAGGCGGGACCTGCAGCACTGGGACAGTGTCTGCAGCTGGCGAAGCGCCTGGCC
 CCAGACCAGATTCCTTCTCATCTCAAAGAGTATGCCATCCAGCTGGAGTTCACAGGTGATTATGAAATG
 CTTTGGCTCATTACGAGAAAGGCATCACCGGGGATAACAAGGAACATGATGAGGTGTGCCTGGCCGAGT
 GGCTCAGATGTCTATAAGATGGGAGACATCCGCAGAGGGGCAAACCAGGCCCTCAAACACCCAGCAGG
 GTCTGAAAAGAGATTGGGTGCCATCCTAGAGAAATGAAGCAATTTTCAAGAGCTGCCAGCTGTATG
 AAAAGGGCCAGTATTACGACAGAGCTGCCTCTGTCTACATCCGCTGCAAGAACTGGGCAAAAAGTTGGCGA
 GCTTCTACCTCATGTCTCTCTCTAAGATCCACTTGCAAGTATGCCAAAGCTAAGGAAGCAGACGGAAGG
 TACAAAGAAGCCGTGGTGGCCTATGAGAATGCAAAGCAATGGAACAGTGTATCCGCATCTACCTGGACC
 ACCTCAACAACCCGAAAAGGCCGTGAGCATCGTCAGAGAGACCCAGTCTCTGGACGGAGCCAAGATGGT
 AGCCAGTTCTTTCTACAGCTTGGTGACTATGGATCCGCCATCCAGTTTCTGGTCTGTCCAATGTAAC
 AATGAAGCCTTACCCTGGCTCAGCAGCACAACAAGATGGAAATCTACGCCGACATCATTGGTGTGAAG
 ACACAATAATGAGGACTATCAAAGCATCGCTTATATTTTGAAGGAGAAAAGAGACATTTTCAGGCTGG
 AAAATTTCTTCTGCTGTGTGGCCAGTATTACGGGCACTGAAGCACTTCTGAAGTGCCCAAGCTCAGAA
 GATAATGTGGCCATAGAAATGGCGATCGAACTGTGGGCCAGGCCAAAGACGAACTGCTACCAATCAGC
 TGATAGACCACCTGATGGGGGAGAGTGTGGCATGCCAAAGGACGCCAAGTACCTGTTCCGCTTGTACAT
 GGCAGTAAAACAGTACCGAGAAGCAGCCCGACAGCCATCATCATCGCCAGAGAAGAGCAGTCTGCAGGC
 AACTATCGGAATGCACATGATGTTCTTTTCAGTATGTATGCAGAACTTAAATCCCAGAAGATCAAATCC
 CCTCAGAAATGGTACCAACCTCATGATCTGCACAGTTACATACTCGTGAAGATTACGTTAAGAGTGG
 AGACCATATGAAGGGGGCAGCAATGCTCATTGGGTGGCCAACAACATCAGCAAATCCCATCGCACATC
 GTGCCATCCTGACGTCTACGGTATTGAGTGTACAGGGCAGGCCTGAAGAACTCTGCATTGAGCTTTG
 CAGCCATGCTGATGAGGCGGAATACCGCAACAAAATCGATGCCAAGTACAAAAGAAAATTGAGGCGAT
 GGTGAGGAGCCGGATACCTCAGAGACAGAAGAAGCCACGACCCCATGTCCCTTCTGCCAGTTTCTTCTC
 CCAGAATGTGAGCTGCTCTGCCCTGGCTGTAAAAACAACATTCCTACTGCATCGCAACAGGCCGACACA
 TGCTGAAAGACGATTGGACAATGTGCCACACTGTGGCTTCCCTGCGCTGTACTCAGAAATCAAGATATT
 GCTAAACAGTAAAGCACGTGTCCCATGTGTTCCAGAAAGATTAAGTCCAGTCAACTGAAAAAATTACA
 GATTGCACCCAGTACCTACGAACAGAGACGGAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:

NM_001191679

Insert Size:

4026 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).

OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<ol style="list-style-type: none">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:	<u>NM_001191679.2</u> , <u>NP_001178608.2</u>
RefSeq Size:	4315 bp
RefSeq ORF:	4026 bp
Locus ID:	305349
Cytogenetics:	14p11