

Product datasheet for **RN214659**

Wdr3 (NM_001107705) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Wdr3 (NM_001107705) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Wdr3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN214659 representing NM_001107705
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGGCTTACCAAACAGTATCTCCGCTATGTGGCTAGTGTCTTTGGCTTATTGGCAGCCAAAAAG
GCAACATTGTTTTCGTGACACTCCGAGGTGAAAAAGGACGCTACGTGGCAGTACCTGCCTGTGAACACGT
TTTTATCTGGGACCTAAGGAAAGCGGAGAAGATCCTTATCCTTCAGGGGCTTAAACAAGAAGTCACTTGC
TTGTGTCCCTCCCCGGATGGGCTGCATCTAGCTGTTGGCTATGAGGATGGAGCCATCCGAGTCTTCAGCC
TCCTCAGTGGTGAGGGAAACATAACCTTCAATGGACACAGAGCAGCCGTCACCAGCTTAAAGTACGATCA
GCTAGGAGGCAGACTGGCTTCCGGGTCTAAGGATACGGATGTCATTATTTGGGATGTGATCAATGAAAGT
GGCCTCTACCGTCTAAGGGACACAAGGATGCCGTCACACAAGCTCTGTTTCTCCGAGAAAGGAATCTGC
TAGTTACAAGTGGGAAAGACACTATGGTGAAGTGGTGGGACCTGGATAACCAGCACTGCTTCAAACAAT
GGTTGGCCACCGAAGTGGGTGTGGGGCTTGGTCTGGTTTCAGAAGAACTCGACTAATCACTGGGGCT
GCAGACAGTGGAGTGGAGCCTGGGACATCGCCTATCTACAGGAGATTGATGACCAGAAGAACCAGAGC
CCAAGAAAATCAAGAGTGTCCAGGGATACAGGACACGCCTGAAGCAGAGGACCCGACCCTTGAGGCGGA
TGATGAGAAGTCTGAAGACCGCATACTCTCATGTAGAAAAGTGGCTCCTTAATGCGAGAAGGAAGAGAC
AGAGTTGTGAACCTTGCCGTGGACAAGACAGGCCGGATCCTTGCTTGGCAGGAACTGATTCTGTGTTAG
AAGTATTTGTATTCTTCCAAAGCAGAAGTTCAGAAGAAAATGGATAAAAAGCTAAAGAAAAGCTAGAAA
GAAAGCAAAGTTGAACCTGCCAATGAGGAGGAGGACCTGAAACAAGTGTCTCAATGACTCTGCAGGAT
GAGTACCTTCGGGTAACCAAGATCAAGACTTCTGCCAAGATCAAATCTTTTGACCTGATTCATTGCGCTC
AAGGAGAGTTAAAGGCAGTCTTCTGCTGCAGAACAATCTGGTAGAAGTATTTCGCTCAGTACATCCTT
GCCAAACCCCGCCTGTGAGGACGAGCAGGATACCATCGGAGGCCACCGCAGCGATGTGCGCACGCTG
TCTTTCAGCTCGGATAACATAGCTGTGCTTTCAGCCGACGCCGAGTCCGTTAAGATATGGAACAGGTCTA
CCCTGCAGTGCATCCGCACCATGCCTTGTGAATATGCTCTCTGCTCCTTCTTGTCTGCTGACAGGCA
GGTGGTCACTCGGGACAAAGACAGGAAAATATGCAACTTTATGACCTGGCCTCGGGCAATCTTGGAGACA
ATAGCTGCCCATGATGGAGCTCTGTGGTCCATGTCTCTTCTCCAGATCAGCGTGGCTTTGTGACAGGTG
GTGCTGATAAAGCTGTCAAGTCTGGGATTTGAGTGGTGACAGATAAAAATAGTACCCAGAAGAGACT
CTCTGTGAAACAACTAGAATCTTGACGCTAGATGAGGATGTCCTATATGTCTGCTACTCTCCTGATCAA
AGGCTGCTGGCTGTATCTTGTGGACTGCACTGTGAAGATTTTCTATGTTGACACTTTAAAGTTTTTTC
TCTCACTGATGGACACAAGCTGCCTGTTATATGCATGGACATCTCCCATGATGGAGCACTAATAGCAAC
TGTTCTGCTGATAGAAATGTGAAAATCTGGGGTCTGGACTTTGGGGACTGCCACAGGTCTCTTTTGCA
CATGATGACAGTGTGATGCATCTCCGATTCTGTCGCAAGTCCCACCTTTTCTTCCCGCGGGGAAGGACC
ACAAGATCAAGCAGTGGGATGCGGACAAGTTTGGAGCACAACCAACGCTGGAGGGGCATCACCAGGAAAT
ATGGTGTGGTGTGTCAGCCCTAGTGGAGACTACGTGGTGTGAGCCTCTCATGACAAGTCTCTGAGACTC
TGGGAGAGAACGAGAGAGCCTCTTATTCTTGGGAAGAAAGGGAAGTCAAGGGGAAGCAGAGTATGAGG
AGAGTGTGGCCAAAGAAGAGCAGCCAGCAGTTCAGGGGAGACCCAGGGTGAACAATCACTGAGGAA
GAAGACAATTGAAACAGTCAAAGCGGCTGAGAGGATCATGGAGGCAATTGAGCTGTACCGAGAAGAAAT
GCAAAAATGAAAAGAACACAGAGCCATTTGTAGAGCAGCGGGGAAAGAGGTTCTCTTCTGCAACCCCA
TCTGATGGCCATGGCAATATTTCTCCCTCAGCGTATGTGTTAGAGACTTTTAAAGGGATCAGGTCAAG
TGAAGTGAAGAGGCCCTGCTTGTGCTGCCGTTCTCTATGTCCCAGACATTCTTACGCTGTTCAATGGG
TTCATCCAGACAGGATCAGATGTCGAGCTGTTGTGCCGTTGCCTCTTTTTTCTCCTCAGGATCACTTTG
GCCAGATCACCAGCAACCAGATGCTTGTGCCGTTGATAGAGAAGCTAAAAGAAACAATTTTCAAAGT
CAGACAAGTCCAGGATGTCATTGGCTTCAATATGGCTGGTCTCAATTATCTTAAGAGAGAATGCCAAGCA
AAGAGTGAAGTTATGTTTTTTCAGAAGCTACTAGTCACTTGAAGAGAAGAAGAGAAAACGAAAAATA
GAAGAAAGATGATTTTAACTACTAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN:	NM_001107705
Insert Size:	2829 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).
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_001107705.1</u> , <u>NP_001101175.1</u>
RefSeq Size:	3417 bp
RefSeq ORF:	2829 bp
Locus ID:	310720
Cytogenetics:	2q34