

Product datasheet for **RN214690**

Wdr55 (NM_001017932) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Wdr55 (NM_001017932) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Wdr55
Synonyms:	LRRG00133; RGD1305640
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN214690 representing NM_001017932 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGACCCACGTGTCAAGAGAGTCCTGCAGAGGACTCAAACAATGAAGAAGACCTTGACTCCACGAAGG
CAGCACCCCGGATCCGTGATACCCAGAAGACATCGTGCTGGAAGCGCCAGCCAGTGCCCTGGCGTTCCA
TCCGACTCGAGATCTGCTGGCAGCGGGGACGTGGATGGGGACGTGTTTCGTCTTTGCCTACTCTTGTCAG
GAGGGAGAAACCAAGGAGCTGTGGTCTCAGGACACCACCTCAAGTCCTGCCGAGCTGTTGTCTTCTCAG
AGGATGGGCAGAACTTGTACTGTCTCTAAGGACAAAGCAATCCATGTACTAGATGTGGAACAGGGACA
ATTGGAAGACGGATTTCCAAGGCTCACAGTGCCCCATTAAACAGTCTGCTGCTCGTGGATGAGAATGTT
CTGGTTACTGGGGATGACACTGGTGGCATCCGGCTATGGGACCAGCGTAAAGAGGGCCCTTTGATGGATA
TGCGGCAGCATGAGGAGTATATTGCTGACATGGCTCTAGACCCAGCCAAAAAGCTGCTGCTGACAGCCAG
CGGAGATGGCTGCCTTGGTGTCTTCAACATCAAGAGACGCGGTTTGAGTTACTCTCAGAGCCTCAGTCA
GGAGATCTAACCTCCGTCGCCCTCATGAAATACGGGAAGAAGGTGGCCTGTGGGTCTAGCGAAGGTACCA
TCTACCTCTTCAATTGGAACGGTTTCGGGGCCACAAGTGATCGCTTGGCCTGAGAGCGGAGTCCATCGA
CTGCATGGTTCAGTCACTGAGAATCTGCTGTGCACTGGCTCTACTGACGAATCATCAGGGCTGTGAAC
ATCCTGCCCAACCGAGTGGTAGGCACCGTGGGCCAGCATGCCGGGGAGCCTGTGGAGGAGCTAGCCCTAT
CCCACTGTGGCCACTTTCTGGCCAGTAGTGCCATGACCAGCGCCTCAAATTTTGGGACATGACTCAGCT
TCGAACGTGGTTGTGGATGACTATCGTCGACGCAAGAAAAAGGAGGGCCGCTTCGTGCCCTGAGCAGT
AAAGCTTGGAGCACGGACGATTTCTTTGAGGGTTGAGAGAAGATGAGGAGGAGGCCAAGGCTCCAGAGG
AGGTGTCGGGGGAGAGCGATGATGACAGTGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001017932
Insert Size:	1155 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:	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_001017932.1, NP_001017932.1</u>
RefSeq Size:	1650 bp
RefSeq ORF:	1155 bp
Locus ID:	307494
UniProt ID:	<u>A1L112</u>
Cytogenetics:	18p11
Gene Summary:	Nucleolar protein that acts as a modulator of rRNA synthesis. Plays a central role during organogenesis (By similarity).[UniProtKB/Swiss-Prot Function]