

Product datasheet for **SC113990**

WDR55 (NM_017706) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WDR55 (NM_017706) Human Untagged Clone
Tag:	Tag Free
Symbol:	WDR55
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for NM_017706, the custom clone sequence may differ by one or more nucleotides

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ATGGACCGCACTTGTGAGGAGAGGCCCGCTGAGGATGGGAGCGACGAGGAGGCCAGACTCCATGGAAG
CCCCAACCCGGATCCGGGACACTCCGGAAGACATCGTGCTGGAAGCTCCGGCTAGTGGGCTGGCGTTCCA
TCCGGCCCGTGACCTACTGGCTGCAGGGGACGTGGACGGGGACGTGTTTCGTCCTTTCTACTCTTGCCAA
GAGGGAGAAACCAAGGAGCTCTGGTCATCAGGTCACCATCTCAAGGCCTGCCGAGCTGTGGCCTTCTCTG
AAGATGGGCAGAAGCTCATTACTGTCTCCAAGGACAAAGCCATCCATGTTCTAGATGTGGAGCAGGGCCA
ACTGAAAAGACGTGTTTCCAAGGCTCATGGTGCCCCATCAATAGTCTTCTGCTGGTGGATGAGAATGTT
CTGGCCACTGGGATGACACAGGTGGTATCCGTCTCTGGGACCAGCGGAAGGAGGGCCCTTAATGGATA
TGAGGCAACATGAAGAGTACATCGCAGACATGGCTCTGGATCCAGCCAAAAGCTGCTGCTGACAGCCAG
CGGGGATGGCTGCCTTGGCATCTTCAACATTAAGAGGCGTCGGTTTGAGCTGCTCTCAGAACCTCAGTCT
GGGGACCTGACCTCTGCACTCTCATGAAATGGGGGAAGAAGGTAGCCTGTGGCTCCAGTGAAGGTACCA
TCTACCTTTCAATTGGAATGGCTTTGGGGCCACAAGTGACCGCTTTGCCCTGAGAGCTGAATCTATCGA
CTGCATGGTTCCAGTCACCGAGAGTCTGCTGTGTACTGGCTCCACTGATGGAGTCATCAGGGCTGTGAAC
ATCCTACCGAACCGAGTGGTGGCAGTGTGGGCCAGCACACTGGGGAGCCTGTGGAGGAGCTGGCCCTCT
CCCACTGTGGCCGCTTCCCTGGCCAGTAGTGCCATGACCAGCGCCTCAAGTTTTGGGACATGGCCAGCT
GCGAGCTGTGGTGGTGGATGACTACCGTCGGCGCAAAAAAAGGGAGGACCAGTGCAGGCTCTGAGCAGC
AAGACTTGGAGCACCGATGACTTCTTCGAGGACTGAGGGAAGAGGGAGAAGACTCCATGGCTCAGGAAG
AAAAGGAGGAGACTGGGGATGACAGTGACTGA
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_017706 unedited TTCAAATATATGTAATACGACTCACTATAGGGCGGCNCGCGAATTCGCACGAGGCATGGA CCGCACTTGTGAGGAGAGGCCCGCTGAGGATGGGAGCGACGAGGAGGACCCAGACTCCAT GGAAGCCCAACCCGGATCCGGGACACTCCGGAAGACATCGTGTGGAAGCTCCGGCTAG TGGGCTGGCGTCCATCCGGCCCGTGACCTACTGGCTGCAGGGGACGTGGACGGGACGT GTTCGTCTTTTCTACTCTTGCCAAGAGGGAGAAACCAAGGAGCTCTGGTCATCAGGTCA CCATCTCAAGGCCTGCCGAGCTGTGGCCTTCTCTGAAGATGGGCAGAAGCTCATTACTGT CTCCAAGGACAAAGCCATCCATGTTCTAGATGTGGAGCAGGGCCAAGTGGAAAGACGTGT TTCCAAGGCTCATGGTGCCCCATCAATAGTCTTCTGCTGGTGGATGAGAATGTTCTGGC CACTGGGGATGACACAGGTGGTATCCGTCTCTGGGACCAGCGGAAGGAGGGCCCTTAAT GGATATGAGGCAACATGAAGAGTACATCGCAGACATGGCTCTGGATCCAGCCAAAAGCT GCTGCTGACAGCCAGCGGGATGGCTGCCTTGGCATCTTCAACATTAAGAGGCGTCGGTT TGAGCTGCTCTCAGAACCTCAGTCTGGGACCTGACCTCTGCTACTCTCATGAAATGGGG GAAGAAAGTAGCCTGTGGCTCCAGTGAAGGTACCATCTACCTCTTCATTNGATGGCTTT GGGGCCACAAGTGACCGCTTGGCCTGAGAGCTGAATCTATCGACTGCATGGGTCCAGTC ACCGAGAGTCTGCTGTGTACTGGCTCCACTGATGGAGTCATAAGGGCTGTTGACATNCTA CCGACCGAGTGGTGGGCAGTGTGGGCCACCACTGGGGAGCTGTGGAGAGCTGGCCTCTCC ACTGGGCCGNTNCTGCCAGATGGCATGACACGCCTAGTAGCT</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_017706
Insert Size:	2600 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_017706.3</u> , <u>NP_060176.2</u>
RefSeq Size:	2579 bp
RefSeq ORF:	1152 bp
Locus ID:	54853
UniProt ID:	<u>Q9H6Y2</u>
Cytogenetics:	5q31.3
Domains:	WD40

Gene Summary:

Nucleolar protein that acts as a modulator of rRNA synthesis. Plays a central role during organogenesis (By similarity).[UniProtKB/Swiss-Prot Function]