

Product datasheet for SC105321

WDR55 (AK025355) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WDR55 (AK025355) Human Untagged Clone
Tag:	Tag Free
Symbol:	WDR55
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC105321 sequence for AK025355 edited (data generated by NextGen Sequencing)

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ATGGACCGCACTTGTGAGGAGAGGCCCGCTGAGGATGGGAGCGACGAGGAGGACCCAGAC
TCCATGGAAGCCCAACCCGGATCCGGGACACTCCGGAAGACATCGTGCTGGAAGCTCCG
GCTAGTGGGCTGGCGTTCATCCGGCCCGTGACCTACTGGCTGCAGGGGACGTGGACGGG
GACGTGTTCTGCTTTTCTACTCTTGCCAAAGAGGGAGAAACCAAGGAGCTCTGGTCATCA
GGTCACCATCTCAAGGCCTGCCGAGCTGTGGCCTTCTCTGAAGATGGGCAGAAGCTCATT
ACTGTCTCCAAGGACAAAGCCATCCATGTTCTAGATGTGGAGCAGGGCCAACTGGAAAGA
CGTGTTTCCAAGGCTCATGGTGCCCCCATCAATAGTCTTCTGCTGGTGGATGAGAATGTT
CTGGCCACTGGGGATGACACAGGTGGTATCCGTCTCTGGGACCAGCGGAAGGAGGGCCCC
TTAATGGATATGAGGCAACATGAAGAGTACATCGCAGACATGGCTCTGGATCCAGCCAAA
AAGCTGTCTGTGACAGCCAGCGGGGATGGCTGCCTTGGCATCTTCAACATTAAGAGGCGT
CGGTTTGAGCTGCTCTCAGAACCTCAGTCTGGGACCTGACCTCTGTCACTCTCATGAAA
TGGGGGAAGAAGGTAGCCTGTGGCTCCAGTGAAGGTACCATCTACCTCTTCAATTGGAAT
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CCAGTCACCGAGAGTCTGCTGTGTACTGGCTCCACTGATGGAGTCATCAGGGCTGTGAAC
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AAGGGAGGACCACTGCGGGCTCTGAGCAGCAAGACTTGGAGCACCAGTACTTCTCGCA
GGACTGAGGGAAGAGGGAGAAGACTCCATGGCTCAGGAAGAAAAGGAGGAGACTGGGGAT
GACAGTGACTGA

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Clone variation with respect to AK025355.1
393 c=>t



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5' Read Nucleotide Sequence:

>OriGene 5' read for AK025355 unedited
 GTCTTACCCCGCCGTTNCNGCTAATGGGCGGTACGCTGTACGGTGGNGAGTCTATATAA
 GCAGTAGCTCATTTAGGTGACACTATAGAATACAAGCTACTTGTCTTTTTGCAGCGGCC
 GCGAATTCGGCACGAGGGGCTGACTACCCTGCGGCGGCGGGCTCGCAGTCTTCTCAGC
 ATGGACCGCACTTGTGAGGAGAGGCCCGCTGAGGATGGGAGCGACGAGGAGGACCCAGAC
 TCCATGGAAGCCCAACCCGGATCCGGGACACTCCGGAAGACATCGTGTGGAAGCTCCG
 GCTAGTGGGCTGGCGTTCCATCCGGCCCGTGACCTACTGGCTGCAGGGGACGTGGACGGG
 GACGTGTTTCGTCTTTTCTACTCTTGCCAAGAGGGAGAAACCAAGGAGCTCTGGTCATCA
 GGTCAACCATCTCAAGGCCTGCCGAGCTGTGGCCTTCTCTGAAGATGGGCAGAAGCTCATT
 ACTGTCTCCAAGGACAAAGCCATCCATGTTCTAGATGTGGAGCAGGGCCAACTGGAAAGA
 CGTGTTCCTCAAGGCTCATGGTGCCCCATCAATAGTCTTCTGCTGGTGGATGAGAATGTT
 CTGGCCACTGGGATGACACAGGTGGTATCCGTCTCTGGGACCAGCGGAAGGAGGGCCCC
 TTAATGGATATGAAGGCACATGAAGAGTACATCGCAGACATGGCTCTGGATCCAGCCAAA
 NAGCTGCTGCTGACAGCCAGCGNGATGGCTGCCTTGGGCATCTTCACATTAAGAGGCGT
 CNGTTTGAGCTGCTCTCAGAACCTCAGTCTGGGGACCTGACCTCTGTCACTCTCATGAAA
 TGGGGGAAAGAAGTAGCCTGTGGCTCCAGTGAAGGTACATCTACCTCTTCAATGGAATGG
 CTTTGGGGCCCCAATGACCGCCTTGCCTT

3' Read Nucleotide Sequence:

>OriGene 3' read for AK025355 unedited
 GTGTACCGTGTGCCGCAATCNANAGTCGAGTTTTTTTTTTTTTTTTTGTCTCTTTGT
 TGGTTTTTATTTGTGGGAAGGGCAGCTGAGCCAAAGGGTCAGAAATTCTGCCCTTTGCC
 TCCACCACATGGCATTCTGGTTTTGGTTTCTGTATAGTTTTGGGTCTTCTATGCTGGTT
 GTATTTATATTAACCCCTGGTTAGTATATACTTGTGTCTGTGCTGTCTTGCCCTAGCTT
 AGAGTTTGTGTTTACACTGGTAGAGTGAATAGCTGCTACGGGGCAAGTACTTCCTCACATCA
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 GGGTGTGTTGGCTTTTGCTGTAAATCCCAGCACTTTGGGAGGCTGAGGCGGGTGGATCAC
 CTGAGGTGAGGAGTTCGAGACCAGCCTGGCCAGCATGGAGAAACCCGCTCTACTGAAA
 ATACAAAAATTAGCCTGGCATGGTGGCAGACCTGTAATCCCAGCTACTTGGGAGGCTG
 AGGCAGGAGAATTGCTTGAACCCGGGAGGCGGAGGTTGCAGTGAGCCAAGATCACGCCAT
 TGCACTCCAGCCCTGGCAACAAGAGCGAAACCTGTCTCAAAAAAAAAAAAAAAAAAAT
 TTCATATCCAGCCAGGCACAGTGGCTCATGCCTGTAATCCCAGCATTTTGGGAGGCCAAG
 GCAGGAGGATCACTTGAAGCCAGGAGTCCAAGACCAGCTTGGTCAACATAGTGAACCC
 CTGGTCTCTACCAAAAAAAAAATCACANAAATTANTCAAGCATGGTGGCAGATGCCTGTTA
 AGTCTCAGCTACCANGCANGGCTGAGTGGATCACTTGAAGCCAGAAGTCANGGTGCAAGT
 ACCATGATCACCACTGTCTTCANCTGGTGCAGATGAGACCTGTCTAAAAATTAATTTT
 TTGGCAGTGTGTGCTCGGCCTT

Restriction Sites:

NotI-NotI

ACCN:

AK025355

Insert Size:

2500 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: [AK025355.1](#), [BAB15118.1](#)

RefSeq Size: 2544 bp

RefSeq ORF: 2544 bp

Locus ID: 54853

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]