

Product datasheet for **SC114697**

WDR47 (NM_014969) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WDR47 (NM_014969) Human Untagged Clone
Tag:	Tag Free
Symbol:	WDR47
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC114697 sequence for NM_014969 edited (data generated by NextGen Sequencing)

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ATGACGGCTGAAGAAACAGTGAATGTAAAAGAGGTTGAAATCATTAAGCTAATTTTGGAC
TTCCTGAATTCAAAGAAGCTTCACATTAGTATGCTGGCCCTGGAGAAGGAAAGTGGAGTC
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TAG

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Clone variation with respect to NM_014969.5
1130 g=>n;1131 a=>n;1132 a=>n;1133 g=>n;2239 c=>t

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_014969 unedited
 CACCAATTTGGTATACGACTCACTATAGGGCGGCCCGCAATCGGCACGAGGGCGGGCGG
 TAGGAGGGAGGACCGACGCCAAACCCANACCGCCCGTCGTGCTCTGCCGACGCCGG
 AGCCGGCCGCTTCGGGGCCCTGGCCGCCGGCCTCCCAGCCGCGTTCTCTCCGCCGCTCC
 TCCGGGCTTGCCCTGGAGCCCTCAGGCTATCAATATGACGGCTGAAGAAACAGTGAATGT
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 TAGTATGCTGGCCCTGGAGAAGGAAAGTGGAGTCATAAATGGCCTGTTTTTCAGATGATAT
 GCTTTTCTGAGGCAGCTAATACTTGATGGTCAATGGGATGAAGTTCTTCAGTTCATTCA
 GCCTCTAGAATGTATGGAATAATTTGACAAAAAAGGTTTCGTTATATTATCCTGAAGCA
 GAAGTTTTTAGAAGCTTTATGTGTTAACAACGCGATGTCAGCAGAAGATGAGCCCGACGA
 TCTGGAATTTACCATGCAAGAAGCTGTGCAATGTTTACATGCTCTAGAAGAATACTGTCC
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 ATCGACCCCTTATGTGGAAGGGTTGGGATGATTTGAATCTGAA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_014969 unedited
 GAACTCTCCAGGTCCAGGNANAGCACTGGGGCAGGGTCACAGGGATGCCACCCGGGATCT
 GTTCAGGAAACAGCTATGACCGCGGCCGAATCTAGAGTCGAGTTTTTTTTTTTTTTTTT
 TTTTTTTTTTAAAGGTCAAGAGGTCTTTATTGAAATAATAGCACAGTTACACTTCTAATAC
 CCTTTCACCTTGATACAACAAATGAAAAATGCTTGCTACATACAGTGCACAGACGGGGC
 AATAATGAAAACCTAATACAACCTGCTTTTGAATAAATAAATAGCCTATTTAAATAATTC
 AAAGTAAATTAAGTCCAATATGAAATAAAGATACATAAATGTTAGAACTACAAAGC
 TGTAAGAAATAAATCATTATTCTGCATTACACAAAACGGTGCAAGAAAAAATCCAAATA
 ACCTTTGGGAGCGCAAAGTTAAATCTTCCATTTTAAATTATCATGCAACATAGCATTT
 AAAGCCATGCTATGGTCTATGCCAAGGATTTAATTTTTAGGAGAAAAGGCCATTAATTAC
 CGTCCATAAGGGTTGGCCAAAACCTGTGGTGGTTGCTTACAGTCAGTTGGAAGGGAGGT
 TCCTGGTGCTTCAAAAAATGAAGTAACAAGTTTTTGAACAAACACCTTTACCTTTAGCCT
 GAAACAAATTATTTGACACAATAATCTTTCCCTGGGGTTAAAGAAAAAGGGGCCTTCCCC
 TGGNAAAACCAAAAGCAGTTTTTATTCTTTTTTAAACCCAAATGACCCTAAGGGAACAC
 CCTGTCTTTGGGGGACATTTTGGGGATTCTGCCCTTTAAAAACAGGGATATACCTTTT
 GGGACCGGAGAAAACCAATCATTCTGACCCCGGAGAATTAATGG

Restriction Sites:

NotI-NotI

ACCN:

NM_014969

Insert Size:

4110 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: [NM_014969.3](#), [NP_055784.2](#)

RefSeq Size: 4259 bp

RefSeq ORF: 2763 bp

Locus ID: 22911

UniProt ID: [O94967](#)

Cytogenetics: 1p13.3

Domains: WD40, LisH, CTLH