

## Product datasheet for SC110036

### WDR61 (NM\_025234) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	WDR61 (NM_025234) Human Untagged Clone
Tag:	Tag Free
Symbol:	WDR61
Synonyms:	REC14; SKI8
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC110036 sequence for NM_025234 edited (data generated by NextGen Sequencing)

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ATGACCAACCAAGTACGGTATTCTCTTCAAACAAGAGCAAGCCCATGATGATGCCATTTGG
TCAGTTGCTTGGGGGACAAACAAGAAGGAAAACCTGAGACAGTGGTCACAGGCTCCCTA
GATGACCTGGTGAAGGTCTGAAAATGGCGTGATGAGAGGCTGGACCTACAGTGGAGTCTG
GAGGGACATCAGCTGGGAGTGGTGTCTGTGGACATCAGCCACACCCTGCCATTGCTGCA
TCCAGCTCTCTTGATGCTCATATTCGTCTTTGGGACTTGGAAAATGGCAAACAGATAAAG
TCCATAGATGCAGGACCTGTGGATGCCTGGACTTTGGCCTTTTCTCCTGATTCACAGTAT
CTGGCCACAGGAACCTCATGTCGGGAAAGTGAACATTTTTGGTGTGGAAAGTGGGAAAAAG
GAATATTCTTTGGACACGAGAGGAAAATTCATTCTTAGTATTGCATATAGTCTGATGGG
AAATACCTAGCCAGTGGAGCCATAGATGGAATCATCAATATTTTTGATATTGCAACTGGA
AAACTTCTGCATACCCTGGAAGGCCATGCCATGCCATTGCTCCTTGACCTTTTCCCGG
GACTCCCAGCTCCTTGCTACTGCTTCAGATGATGGCTACATCAAGATCTATGATGTACAA
CATGCCAATTTGGCTGGCAGCTGAGCGGCCATGCCTCCTGGGTGCTGAACGTTGCATTC
TGTCTGATGACACTCACTTTGTTTCCAGTTCGTCTGACAAAAGTGTAAAAGTTTGGGAT
GTTGGAACGAGGACTTGTGTTTCCACCTTCTTTGATCACCAGGATCAGGTCTGGGGAGTA
AAATAAATGGAAATGGTTCAAAAATTTGTGTCTGTTGGAGATGACCAGGAAATTCACATC
TATGATTGTCCAATTTAA

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Clone variation with respect to NM\_025234.1  
78 g=>a



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**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_025234 unedited  
 GCCATTTTTGTNAATACGAACTCACTATAGGGCGGCNCGCGATTCCGGCAGGATCTTT  
 GCGCGTCGCAGTCGCGCGGAGCCCGGCTCCGACGTGCAGCTGGCAGTGCAGTGAAGTCT  
 TCTGGCCTTTTGTCTTGTATCTTGGTTAAGGAAATGACCAACCAGTACGGTATTCTCTT  
 CAAACAAGAGCAAGCCATGATGATGCCATTTGGTCAGTTGCTTGGGGACAACAAGAA  
 GAAAACTCTGAGACAGTGGTCACAGGCTCCCTAGATGACCTGGTGAAGGTCTGGAATG  
 GCGTGATGAGAGGCTGGACCTACAGTGGAGTCTGGAGGGACATCAGCTGGGAGTGGTGTC  
 TGTGGACATCAGCCACACCCTGCCATTGCTGCATCCAGCTCTCTTGATGCTCATATTCC  
 TCTTTGGGACTTGAAAAATGGCAAAACAGATAAAGTCCATAGATGCAGGACCTGTGGATGC  
 CTGGACTTTGGCCTTTTCTCTGATTCCCAGTATCTGGCCACAGGAACTCATGTCGGGAA  
 AGTGAACATTTTTGGTGTGGAAAGTGGGAAAAAGGAATATTCTTTGGACACGAGAGGAAA  
 ATTCATTCTTAGTATTGCATATAGTCTGATGGGAAATACCTAGCCAGTGGAGCCATAGA  
 TGGAAATTATCAATCATTTTGATTTTGAACCTGGGAAAAATCTTGCTACCCCTGAAGGCCA  
 TGCCATGCCATTTCTCTTGACCTTTTCCCGACTTCCAATTCCTTGCCACTGTTTCA  
 AAGAGGGCTCCATAAGCACTATGATGACAACATGCCATTTTGCCTGCACGCTGAGGGCCC  
 ATGCTCTGGGGCTACGTTGCTTTTC

**3' Read Nucleotide Sequence:**

>OriGene 3' read for NM\_025234 unedited  
 NAGCTTGNACCCGGCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTGCATTA  
 AGCTTTATGTTAAAGTATGAACAGCATTCCAATAAAACATGAAAAGATTATATTGTAT  
 CTACAAAATTTAAGTCTTTGCTACAATAAATGCTATATTTCTTTTAAACAAGCCTAAGAA  
 GGTAAAGGAATGCATGATCAATCCGTACATTCTCTTTGCAGCATAAGCCTGGAGACTTTG  
 ATGTTTAAATTGGACAATCATAGATGTGAATTTCTGGTCATCTCCAACAGACACAATTT  
 TTGAACCATTTCCATTGTATTTACTCCCAGACCTGATCCTGGTGATCAAGAAGGTGT  
 GAACACAAGTCCCTCGTTCCAACATCCCAAACCTTTTACACTTTTGTGACAGCAACTGGAAA  
 CAAAGTGAGTGTATCAGGACAGAATGCAACGTTGAGCAGCCAGGAGGCATGGCCGCTCA  
 GCGTGCCAGCCAAATTTGGCATGTTGTACATCATAGATCTTGATGTAGCCATCATCTGAAG  
 CAGTGACAAGGAGCTGGGAGTCCGGGAAAAAGGTCAAGGAGCGAATGGGCATGGCATGGC  
 CTCCAGGGTATGCAGAAGTTTTCCAGTTGCAATATCAAAAATATTGATGATTCCATCTA  
 TGGCTCCACTGGCTAGGTATTTCCATCANGACTATATGCAATACTAAGAATGAATTTTC  
 CTCTCGTGTTCAAAGAATATTNCTTTTTTCCACTTTCCACACCAAAAATGTTCACTTTTC  
 CCGCCTGAGTTCCCGCGCCAGATACTGGGGATCAAGAGAATAAGCCAAAGTCCAGCCTC  
 CACAAGTCTGCATTTATGAACCTTTATGTGTTTGCCTTTTCCAGGTCCCAAGACCATTA  
 TGACCCTCAAGAAAGCTGGATGCACAATTGGCCACGGTTGTGCCTTAAGTCCACAAAAC  
 CCTCCAACCTAG

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_025234

**Insert Size:**

1140 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).

<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_025234.1</a> , <a href="#">NP_079510.1</a>
<b>RefSeq Size:</b>	1205 bp
<b>RefSeq ORF:</b>	918 bp
<b>Locus ID:</b>	80349
<b>UniProt ID:</b>	<a href="#">Q9GZS3</a>
<b>Cytogenetics:</b>	15q25.1
<b>Domains:</b>	WD40
<b>Protein Pathways:</b>	RNA degradation
<b>Gene Summary:</b>	<p>WDR61 is a subunit of the human PAF and SKI complexes, which function in transcriptional regulation and are involved in events downstream of RNA synthesis, such as RNA surveillance (Zhu et al., 2005 [PubMed 16024656]).[supplied by OMIM, Mar 2008]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1 and 2 both encode the same isoform (a).</p>