

Product datasheet for **SC110147**

WDR26 (NM_025160) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	WDR26
Synonyms:	CDW2; GID7; MIP2; SKDEAS
Mammalian Cell	None
Selection:	
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



Fully Sequenced ORF: >NCBI ORF sequence for NM_025160, the custom clone sequence may differ by one or more nucleotides

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ATGCAGGCCAATGGGCGAGGAGGAGGAGGAGGTGGCGCGCGCGCGGTGGAGGAGGAGGGGCGGCG
GGGGCCAGGGACAGACCCCGAACTCGCTGCTTGTGCGGCCAGAACGGGAGTCGTCCCTCTGTCGTC
GTCGTCGCGGGGACCTGGCCACGCCAATGGGCTCTGCTTCCGCCCCCTCCGCCAGCAACAAT
AGCAACAGCCTGAATGTCAATAACGGGGTTCCCGCGGGGCGGCCGCCGATCCTCAGCCACCGTCGAG
CTGCTCCGCCACCGCCGCTCTCTTCTTGGCCACCCAGAACTGGGAGCAGCCTCAAGAAGAA
GAAGCGGCTCTCCAGTCAGATGAGGATGTCATTAGGCTAATAGGACAGCACTTGAATGGCTTAGGGCTC
AACCAGACTGTTGATCTCTCATGCAAGAGTCAGGATGTCGTTTAGAATCCTTCTGCTACCAATTCC
GAAATCATGTGCATGGAAGGAGACTGGGATAAGGCAGAAAAATGACCTGAATGAACTAAAGCCTTTAGTGCA
TTCTCTCATGCTATTGTGGTAAGAGGCGCACTTGAATCTCTCAAACGTTGTTGGGAATAATTGTGAGG
ATGAAGTTTTGCTGCTGCAGCAGAAGTACCTAGAATACCTGGAGGATGGCAAGGCTCTGGAGGCACTTC
AAGTTCTACGCTGTGAATTGACGCCGCTGAAATACAATACAGAGCGCATTTCATGTTCTTAGTGGGTATCT
GATGTGTAGCCATGCAGAAGACCTACGTGCAAAAGCAGAAATGGGAAGGCAAGGGACAGCTTCCCGATCT
AACTATTGGATAAACTTCAGACCTATTTACCACCATCAGTGATGCTTCCCCACGGCGTTTACAGACTC
TCCTGCGGCAGGCGGTGGAACACAAAGGATCGGTGCCTATATCACAAATACCAAACTTGATAATAATCT
AGATTCTGTGCTCTGCTTATAGACCATGTTTGTAGTAGGAGGAGTTCCTATGTTATACGCAGCAGATA
CTTACGGAGCATTGTAATGAAGTGTGGTTCTGTAATCTCTAATGATGGCACTAACTAGCAACAGGAT
CAAAAGATACAACAGTTATCATATGGCAAGTTGATCCGGATACACACCTGCTAAAACTGCTTAAACATT
AGAAGGACATGCTTATGGCGTTTCTTATATTGCATGGAGTCCAGATGACAACTATCTGTTGCTTGTGGC
CCAGATGACTGCTCTGAGCTTTGGCTTTGGAATGTACAAACAGGAGAACTAAGGACAAAAATGAGCCAGT
CTCATGAAGACAGTTTGACAAGTGTGGCTTGAATCCAGATGGGAAGCGCTTTGTGACTGGAGGTGAGCG
TGGGCAAGTTCTATCAGTGTGACTTAGATGGTAATCTCCTTGACTCCTGGGAAGGGTAAGAGTGCAATGC
CTTTGGTGCTTGAGTGATGGAAGACTGTTCTGGCATCAGATACACACAGCGAATTCGGGGCTATAACT
TCGAGGACCTTACAGATAGGAACATAGTACAAGAAGATCATCTATTATGTCTTTTACTATTTCAAAAAA
TGGCCGATTAGCTTTGTTAAATGTAGCAACTCAGGGAGTTTCAATTTATGGGACTTGCAAGACAGAGTTTGA
GTAAGAAAGTATCAAGGTGTTACACAAGGGTTTATACAATTCATTCATGTTTTGGAGGCCATAATGAAG
ACTTCATCGCTAGTGGCAGTGAAGATCACAAGGTTTACATCTGGCACAACGTAAGTGAAGTCCCAATTGC
GGAGCTGACAGGGCACACAGTACAGTAACTGTGTGAGCTGGAACCCACAGATTCCATCCATGATGGCC
AGCGCCTCAGATGATGGCACTGTTAGAATATGGGACCAGCACCTTTTATAGACCACCAAGATATTGAAG
AGGAATGCAGTAGCATGGATAGTTGA
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**5' Read Nucleotide
Sequence:**

>OriGene 5' read for NM_025160 unedited

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CTCACTATAGGGCGGCCGGAATTCGGCACGAGGCTGCCTCCGCCACACCGCGCCTCC
TCTTCTTGCCACCCAGAACTGGGACAGCAGCTCAAGAAGAAGAAGCGGCTCTCCAG
TCAGATGAGGATGTCATTAGGCTAATAGGACAGCACTTGAATGGCTTAGGGCTCAACCAG
ACTGTTGATCTCTCATGCAAGAGTCAGGATGTCGTTTAGAATCCTTCTGCTACCAAA
TTCCGAAATCATGTGCATGGAAGGAGACTGGGATAAGGCAGAAAAATGACCTGAATGAACTA
AAGCCTTTAGTGCACTTCTCTCATGCTATTGTGGTAAGAGGCGCACTTGAATCTCTCAA
ACGTTGTTGGGAATAATTGTGAGGATGAAGTTTTGCTGCTGCAGCAGAAGTACCTAGAA
TACCTGGAGGATGGCAAGGCTCTGGAGGCACTTCAAGTTCTACGCTGTGAATTGACGCCG
CTGAAATACAATACAGAGCGCATTTCATGTTCTTAGTGGGTATCTGATGTGTAGCCATGCA
GAAGACCTACGTGCAAAAGCAGAAATGGGAAGGCAAGGGACAGCTTCCCGATCTAAACTA
TTGGATAAACTTCAGACCTATNTACCACCATCAGTGATGCTTCCCCACGGCGTTTACAG
ACTCTCTGCGGCAGGCGGTGGAACACANAGGNATCGGTGCCTATATCACNATACCAAA
CTGATATAATCTAGATNCTGNGTCTCTGCTTATAGACATGTTTGTAGTAGGAGGCAAGTTC
CCATGTTATACGCAGCAGATACTTACGGAGCATTGNATGAAGTGTGGTTCTGTAATCTC
TAATGATGCCCTTAACTAGCACCAGATCAAAGATAACACAGTATCTTTGGCAAGTGATCC
GAATCACACTGCTAACTGCCTAAAAATANAAGAACATGCTATGGGTTTCTAATTGCATG
GATCCAATN
```

3' Read Nucleotide
Sequence:

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>OriGene 3' read for NM_025160 unedited
ACCGCGGCCGAATCTANAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT
CCTATAAATACTTCTTAATTTATTTTAAAAAATTGGGCTGTTAACCCTTTACGGGGCA
ACAAGCTATGTGAAAAGTCCAAAACCTTTTGTCAAATGTAATATTGAAAGGGCTTTTGAC
ATAGTTCACTGGTTTATCATCTGGATCAGTATATACTGCGCAACGGGCAAGGCTAAAAATC
CATGAACCAAGCTGCAAAAATCTCAAGCTAAATAAGGCGGAAAGATTGAAAAACAAA
AAAGGAAATCTTTCTATCCAATGTATACTCTTCAAATAATGCACTCTTTCTATCAAG
CCTTCTAAACTGTTAAATAAAGTTTTCCAAACAAGCTTTTAACTTCTTTACCCAGAAAA
GCAACAAGAATGGTATCCTGCCAAACAAAAGACAGGAAGGAAAAAATATTTTCTGAG
TTCAATGGGTAAGCCTGAATGTACCACAGTTCTTCACAACCGATGGGGGAATAATTCAAC
ATGGTGTCCAACAACGTTCTAACGACGTGCTTCATCTCAACTGGTTACTATGAAGCAAGG
TGTAATGTTTGGCCCAATCGGGCTTCAGAAATGGTTCTTTTTTTCATGACGAGCATGTC
TGTCACGATATCAATCATGTTTGTGTCACCAAATCCCAAGCCATTAATAACGACTAAT
TTTAAGTTAAACAGAAGTCGTCTGCTCCAATTCACCATCAACTATCCATGCTACTGCATT
CCTCTTCAATTTCTGGGGCTTATAAAGGTGCTGCCCCCATTTTAAAGTGCCATCA
TTTGAAGCGCTGCCCTNATGGATGGAATCGGGGTCCACCTCCAGGNTACTGTACGGGG
GCCCTTGCACTCCCAATTGAAGTACTACGTTGGCCCAAGTTACCTGGAACCTTCTGCCCTA
CAAGAGTCTTTTGGCTCCAACCTGAGATGTTAAACCTGGTACCCTGT
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Restriction Sites:

NotI-NotI

ACCN:

NM_025160

Insert Size:

2500 bp

OTI Disclaimer:

Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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.

Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_025160.4 , NP_079436.3
RefSeq Size:	6884 bp
RefSeq ORF:	1545 bp
Locus ID:	80232
UniProt ID:	Q9H7D7
Cytogenetics:	1q42.11-q42.12
Domains:	WD40
Gene Summary:	This gene encodes a member of the WD repeat protein family. WD repeats are minimally conserved regions of approximately 40 amino acids typically bracketed by gly-his and trp-aspartate (GH-WD), which may facilitate formation of heterotrimeric or multiprotein complexes. Members of this family are involved in a variety of cellular processes, including cell cycle progression, signal transduction, apoptosis, and gene regulation. Two transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Jul 2008] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (α). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.