

## Product datasheet for **SC318915**

### WDR26 (NM\_001115113) Human Untagged Clone

#### Product data:

|                           |                          |
|---------------------------|--------------------------|
| Product Type:             | Expression Plasmids      |
| Tag:                      | Tag Free                 |
| Symbol:                   | WDR26                    |
| Synonyms:                 | CDW2; GID7; MIP2; SKDEAS |
| Mammalian Cell Selection: | Neomycin                 |
| Vector:                   | pCMV6-Entry (PS100001)   |
| E. coli Selection:        | Kanamycin (25 ug/mL)     |



**Fully Sequenced ORF:**

>SC318915 representing NM\_001115113.  
Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAAATTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCAGGCCAATGGGCGAGGAGGAGGAGGAGGTGGCGGCGGCGGCGGTGGAGGAGGAGGGGGCGGC
GGGGGCCAGGACAGACCCCGAACTCGCTGCTTGTGCGCCAGAACGGGAGTCGTCCCCCTCGTCG
TCGTCTGCCGCGGGGACCTGGCCACGCCAATGGGCTCCTGCCTTCCGCCCTCCGCCGCCAGCAAC
AATAGCAACAGCCTGAATGTCAATAACGGGGTCCCGCGGGGCGGCCGCCGATCCTCAGCCACCGTC
GCAGCTGCCTCCGCCACCACCGCCCTCTCTTCTTGGCCACCCAGAACTGGGCAGCAGCCTCAAG
AAGAAGAAGCGGCTCTCCAGTCAGATGAGGATGTCATTAGGCTAATAGGACAGCACTTGAATGGCTTA
GGGCTCAACCAGACTGTTGATCTCCTCATGCAAGAGTCAGGATGTGCTTTAGAACATCCTTCTGTACC
AAATCCGAATCATGTATGGAAGGAGACTGGGATAAGGCAGAAAATGACCTGAATGAATAAAGCCT
TTAGTGCATCTCCTCATGTATTGTGAGGATGAAGTTTTTGTGCTGCAGCAGAACTACCTAGAATAC
CTGGAGGATGGCAAGGCTCTGGAGGCACTTCAAGTTCTACGCTGTGAATTGACGCCGCTGAAATACAAT
ACAGAGCGCATTCATGTTCTTATGGGTATCTGATGTGTAGCCATGCAGAAGACCTACGTGCAAAAGCA
GAATGGGAAGGCAAGGACAGCTTCCCGATCTAACTATTGGATAAACTTCAGACCTATTTACCACCA
TCAGTGATGCTTCCCCACGGCGTTACAGACTCTCTGCGGCAGGCGGTGGAACACAAAGGGATCGG
TGCCTATATACAATACAACTTGATAAATCTAGATTCTGTGCTCTGCTTATAGACCATGTTTGT
AGTAGGAGGCGAGTTCCCATGTTATACGCAGCAGATACTTACGGAGCATTTAATGAAGTGTGGTCTGT
AAATTTCTAATGATGGCACTAACTAGCAACAGGATCAAAAGATACAACAGTTATCATATGGCAAGTT
GATCCGGATACACACCTGCTAAACTGCTTAAACATTAGAAGGACATGCTTATGGCGTTTCTTATATT
GCATGGAGTCCAGATGACAACATCTTGTGCTTGTGGCCAGATGACTGCTCTGAGCTTTGGCTTTGG
AATGTACAAACAGGAGAACTAAGGACAAAAATGAGCCAGTCTCATGAAGACAGTTTGACAAGTGTGGCT
TGGAATCCAGATGGGAAGCGCTTTGTGACTGGAGGTGACGCTGGGCAAGTTCTATCAGTGTGACTTAGAT
GGTAATCTCCTTGACTCCTGGGAAGGGTAAGAGTGCAATGCCTTTGGTCTTGAGTGATGGAAAGACT
GTTCTGGCATCAGATACACACAGCAATTCGGGGCTATAACTTCGAGGACCTTACAGATAGGAACATA
GTACAAGAAGATCATCCTATTATGTCTTTTACTATTTCAAAAAATGGCCGATTAGCTTTGTTAAATGTA
GCAACTCAGGGAGTTTATTTATGGGACTTGCAAGACAGAGTTTTAGTAAGAAAGTATCAAGGTGTTACA
CAAGGGTTTTATACAATTATTCATGTTTTGGAGGCCATAATGAAGACTTCATCGCTAGTGGCAGTGAA
GATCACAAGGTTTACATCTGGCACAACGTAGTGAAGTCCCAATTGCGGAGCTGACAGGGCACACACGT
ACAGTAAACTGTGTGAGCTGGAACCCACAGATTCCATCCATGATGGCCAGCGCCTCAGATGATGGCACT
GTTAGAATATGGGGACAGCACCTTTTATAGACCACCAGAATATTGAAGAGGAATGCAGTAGCATGGAT
AGTTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

**Restriction Sites:**

SgfI-MluI

**ACCN:**

NM\_001115113

**Insert Size:**

1938 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).

**OTI Annotation:**

This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Components:</b>            | 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>Note:</b>                  | Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>RefSeq:</b>                | <a href="#">NM_001115113.2</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq Size:</b>           | 6836 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>RefSeq ORF:</b>            | 1938 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Locus ID:</b>              | 80232                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>UniProt ID:</b>            | <a href="#">Q9H7D7</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Cytogenetics:</b>          | 1q42.11-q42.12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>MW:</b>                    | 70.5 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Gene Summary:</b>          | <p>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]</p> <p>Transcript Variant: This variant (2) uses an alternate in-frame splice site at the end of an exon compared to variant 1. The resulting isoform (b) has the same N- and C-termini but is shorter compared to isoform a. 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.</p> |