

## Product datasheet for **SC122376**

### WDR25 (BC003641) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** WDR25 (BC003641) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** WDR25  
**Synonyms:** MGC4645; pre-mRNA splicing factor-like; WD repeat domain 25  
**Mammalian Cell Selection:** None  
**Vector:** [pCMV6-XL5](#)  
**E. coli Selection:** Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for BC003641 edited  
GAGGGAGGAGGTGAGAGTGATTAGTGGGAGAAGAAAAGCAGGCCAGGACCAAGCCCTGG  
GGACTGGGGACATCCTCGGTGACCCTGTGGAGCATTGAGCCATGCCAGCTCTGTGCCTGG  
TGCTGTGCTGGTTTCAAGGGCTGTTGGGAGAGGTATGGAACGCCGTGGACTCCGGGCACT  
GCCTGCAGACCTACTCCCTGCACACAGAGGCAGTGCGGGCCGCCGGTGGGCTCCCTGTG  
GCCGGCGCATCCTCAGTGGTGGCTTTGACTTCGCGCTGCACCTAACAGACCTTGAACAG  
GAACCCAGCTATTTAGTGGTGAAGTGACTTTAGAATCACTACCTTGAAATTCATCCAA  
AAGACCACAACATCTTTTATGTGGAGGCTTCAGCTCTGAAATGAAAGCTTGGGATATAA  
GGACTGGCAAGGTGATGAGAAGCTACAAGGCGACCATCCAGCAGACCTTGGACATCCTGT  
TCCTCCGGGAAGGCTCCGAGTTCCTGAGCAGCACAGACGCTTCCACCCGGGACTCAGCTG  
ACCGCACCATTATTGCCTGGGATTTCCGGACCTCTGCCAAAATCTCCAACCAGATTTTCC  
ACGAGAGGTTCACTGCCCCAGCCTCGCCTTGACCCGAGAGAGCCCGTGTTCCTGGCAC  
AGACCAATGGCAACTACCTGGCCCTTTTCTCACTGTGTGGCCCTACCGGATGAGCAGAC  
GGCGGGCGTATGAAGGGCACAAGGTGGAGGGCTACTCAGTGGGCTGCGAGTGCTCCCCAG  
GCGGTGACTTGCTGGTGACGGGCAGCGCCGATGGCCGGGTCTGATGTACAGCTTCCGCA  
CAGCCAGCCGAGCATGCACACTGCAGGGGCACACAGGCCTGTGTCGGCACCACCTACC  
ACCCCGTGTGCTGCCCTCCGTCCTCGCCACCTGCTCCTGGGGAGGGGACATGAAGATCTGGC  
ACTGAGCTTTTTGTCACCTGAACCTTCCCGATGCCAGCTGGGCTCTTGGACTCCCCCTTC  
CTCAAGGGTAGATGAGAGGAACGAGCACAGAGGTTGGCTGTGGGTCTGGGTACCACTT  
CTGAGCCTCAGTTTCTCATCTGTAAAGTGGGGAGAAAAGTCTGTTTGCCTCAGGAGTGT  
GAGGACTACACTAGTAAAGCGCCTGGCGGCAGCCGGCGATGCCCAATAAATGTGTGTT  
TTGCTGTTTGTAAAAA



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<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for BC003641 unedited</p> <pre>GTCAGAATTGTATACGACTCACTATAGGGCGGCCGGAATTCGCACGAGGGAGGGAGGAG GTGAGAGTGATTAGTGGGAGAAGAAAAGCAGCCCAGGACCAAGCCCTGGGGACTGGGGAC ATCCTCGGTGACCCTGTGGAGCATTGAGCCATGCCAGCTCTGTGCCTGGTGTGTGTGG TTTCAAGGGCTGTTGGGAGAGGTATGGAACGCCGTGGACTCCGGGCACTGCCTGCAGACC TACTCCCTGCACACAGAGGCAGTGCGGGCCGCCGGTGGGCTCCCTGTGGCCGGCGCATC CTCAGTGGTGGCTTTGACTTCGCGCTGCACCTAACAGACCTTGAACAGGAACCCAGCTA TTTAGTGGTCGAAGTGACTTTAGAATCACTACCTTGAAATTCATCCAAAAGACCACAAC ATCTTTTTTATGTGGAGGCTTCAGCTCTGAAATGAAAGCTTGGGATATAAGGACTGGCAAG GTGATGAGAAGCTACAAGGCGACCATCCAGCAGACCTTGGACATCCTGTTCTCCGGGAA GGCTCCGAGTTCTGAGCAGCACAGACGCTTCCACCCGGGACTCAGTGACCGCACCATT ATTGCCTGGGATTTCCGGACCTTGCCAAAATCTCCAACCAGATTTTCCACGAGAGGTTT ACCTGCCCCAGCCTCGCCTTGACCCGAGAGAGCCGTGTTCTGGCACAGACCAATGGC AACTACCTGGCCCTTTTCTCCACTGTGTGGCCCTACCGNATGAGCAGACGGCGGCGTAT GAANGGCACAAGGTGGAGGGCTACTNCAGTGGCTGCGAGTGCTCCCNAGCGTGACTTTG CTGTGACGGNCAGCGCCGATGCCNGNTCTGATGTACAGCTTCCGNACAGCCAGCCGAC ATGCACACTGCAGNGCACACACAGCCTGTGTCCGCACACCTACCACCCGTGCTGGCCNN TCGTCTNNGCACTGT</pre>
<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	BC003641
<b>Insert Size:</b>	1238 bp
<b>OTI Disclaimer:</b>	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).
<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>RefSeq:</b>	<a href="#">BC003641.2</a> , <a href="#">AAH03641.1</a>
<b>RefSeq Size:</b>	1229 bp
<b>Locus ID:</b>	79446
<b>Cytogenetics:</b>	14q32.2

**Gene Summary:**

This gene encodes a protein containing 7 WD repeats. WD repeats are approximately 30 to 40-amino acid domains containing several conserved residues, typically having a Tryptophan-Aspartic acid dipeptide (WD) at the C-terminal end. WD domains are involved in protein-protein interactions in a variety of cellular processes, including cell cycle progression, signal transduction, apoptosis, and gene regulation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2017]