

## Product datasheet for **SC321620**

### WDFY2 (NM\_052950) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	WDFY2 (NM_052950) Human Untagged Clone
Tag:	Tag Free
Symbol:	WDFY2
Synonyms:	PROF; WDF2; ZFYVE22
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for NM\_052950.3  
 GAAGCAGGGAGCGCGAGTCTGTTCCCGAGAGAGCGGCCAGGCTATGCTCGCCGGTTTCC  
 GGCGTTCCGCTCCGGCCAGCCAGAGTCTCTGTCTCAACCTGTGTCCGTGCTCCAGCAGTC  
 TCCTCAGCCCGGCCCGCGCGCGGTTGGCGGGCGGCCCCAGGCGCGCCCCCTCCTCCG  
 ATGGCGGGGAGATCCAGCCCAAGCCTCTGACCCGCAAGCCGATCCTGCTGCAGCGGATG  
 GAGGGGTCCCAGGAGGTGGTGAATATGGCCGTGATCGTGCCCAAAGAGGAGGGCGTCATC  
 AGCGTCTCCGAGGACAGGACAGTTCGTGTTGGTTAAAGAGAGACAGTGGACAGTATTGG  
 CCAAGCGTATACCATGCAATGCCTTCTCCATGTTTCATGCATGTCTTTAAACCCGGAACA  
 AGAAGACTGTCCATAGGTCTAGACAATGGTACAATCTCAGAGTTTATATTGTCAGAAGAT  
 TATAACAAGATGACTCCTGTGAAAACTATCAAGCGCATCAGAGCAGAGTACGATGATC  
 CTGTTTGTCTGGAGCTGGAGTGGGTGCTGAGCACAGGACAGGACAAGCAATTTGCCTGG  
 CACTGCTCTGAGAGTGGCAGCGCCTGGGAGTTATCGGACCAGTGTGTGGCCTCAGGC  
 CTGCAATTTGATGTTGAAACCCGGCATGTGTTTATCGGTGACCACTCAGGCCAAGTAACA  
 ATCCTCAAAGTGGAGCAAGAAAAGTGCACCTGGTCAACAATTCAGAGGACACACAGGT  
 GGGGTGACCGCTCTCTGTTGGGACCCAGTCCAGCGGGTGTGTTCTCAGGCAGTTCAGAT  
 CACTCTGTTCATCATGTGGGACATCGGTGGGAGAAAAGGAACAGCCATCGAGCTCCAAGGA  
 CACAACGACAGAGTCCAGGCCCTCCTATGCACAGCACACGCGCAATTGATCTCCTGT  
 GGCGGTGATGGTGGGATTGCTGCTGGAACATGGACGTGGAGAGGCAGGAGACCCCTGAA  
 TGGTTGGACAGTATTCTCGCAAAAAGTGTGATCAGCCTTTCTTCTGGAACCTCAAGCAA  
 ATGTGGGACAGTAAGAAAATTGGTCTAAGACAGCACCCTGCCGCAAGTGTGGGAAGGCC  
 GTCTGTGGCAAGTGCAGCTCCAAGCGCTCCTCCATCCCCCTGATGGGCTTCGAGTTTGAA  
 GTGAGGGTCTGTGACAGTGCCACGAGGCCATCACAGATGAAGAACGTGCACCCACAGCC  
 ACCTTCCATGACAGTAAACATAACATTGTGCATGTGCATTTTCGATGCAACCAGAGGATGG  
 TTAAGTCTGGAAGTACAAGGTTATTAAGTTGTGGGATATGACCCAGTCGTGTCT  
 TGATGACTCTCCAGGAATCAGAAAAGATAGTATTTACTAAAGAAACGGTTGTTTTAACCC  
 AAATCATTACCAGAGTGGTAAAGCAGACATGTGAGAAGTAAAGAAAGAACTAAAGACCT  
 GAATGAATTTGCAGATTACCCATGTGCACAGTGGGGACCTGGCCAGTGGCACTCGCAAG  
 GGGACTCTTCAACTTGTTCATAACAATATAAAGAAGCTATTTTTTTAACAAAAA  
 AAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_052950

**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.

**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\\_052950.3](#), [NP\\_443182.1](#)

**RefSeq Size:** 3809 bp

**RefSeq ORF:** 1203 bp

**Locus ID:** 115825

**UniProt ID:** [Q96P53](#)

**Cytogenetics:** 13q14.3

**Domains:** FYVE, WD40

**Gene Summary:** This gene encodes a protein that contains two WD domains and an FYVE zinc finger region. The function of this gene is unknown. An alternatively spliced transcript variant of this gene may exist. [provided by RefSeq, Jul 2008]