

Product datasheet for **SC126139**

WDR77 (BC006477) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WDR77 (BC006477) Human Untagged Clone
Tag:	Tag Free
Symbol:	WDR77
Synonyms:	androgen receptor cofactor p44; HKMT1069; MEP50; methylosome protein 50; MGC2722; Nbla10071; OTTHUMP00000013472; p44; RP11-552M11.3; WD repeat domain 77
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

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>OriGene sequence for BC006477 edited
CGGAGCGGAGTCTCCGGCCGGCGTCCAGTTTGAGTCTAGGTTGGAGTTGGAACCGTGGAG
ATGCGGAAGGAAACCCACCCCTAGTGCCCGGCGGCCGGGAGTGAATCTTCCC
CCAAATGCGCCCGCTGCATGGAACGGCAGTTGGAGGCTGCGCGGTACCGGTCCGATGGG
GCGCTTCTCCTCGGGCCTCCAGCCTGAGTGGGCGCTGCTGGGCCGGCTCCCTCTGGCTT
TTTAAGGACCCCTGTGCCGCCCCAACGAAGGCTTCTGCTCCGCCGAGTCCAAACGGAG
GCTGGAGTGGCTGACCTCACTTGGGTTGGGGAGAGAGTATTCTAGTGGCCTCCGATTCA
GGTGCTGTTGAATTGTGGGAACTAGATGAGAATGAGACACTTATTGTCAGCAAGTTCTGC
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GTCAGTGGTAGCAAAGACATCTGCATCAAGGTTTGGGACCTTGCTCAGCAGGTGGTACTG
AGTTCATACCGAGCTCATGCTGCTCAGGTCACCTGTGTTGCTGCCTCTCCTCACAAGGAC
TCTGTGTTTTCTTTCATGCAGCGAGGACAATAGAATTTTACTCTGGGATACCCGCTGTCCC
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CATCCTCAGCAAAGTGAAGTCTTTGTCTTTGGTGATGAGAATGGGACAGTCTCCCTTGTG
GACACCAAGAGTACAAGCTGTGCTGAGCTCAGCTGTACTCCAGTGTGTCCTGGG
CTGGTGTCTCCCCACACAGTGTCCCTTCTGGCCTCTCTCAGTGAAGACTGCTCACTT
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ACTGAGTAGATTGGATTTAAGACAAAAGCAAGTCCCCATGAGTGTCCACTTCTTTGCC
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GTCACAGGGAGGAAAAGCTTTCTTAAAAATGGACATGTATGTGCGTGTGAGTGTGTGTG
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GAGGAATTGGCCGTGTCTGGGTGGGTTATGGGATGTGGGCATCCCTGGGTTCTTGAAGC
AGCTCTTATGCTACTCATAGAGATGGGATTGACTTTATTTTTTTATAGTGCTTAATTCAC
CATTATGAGAAATGCTTCCAGTCACAAAATGCAGCCAGCTCACTCTGAGGAAGAAGCA
GGACTTGGTACGGTTTTACACAACCTCTTACCATTAACTGAATCAGAAATCCATTTTCT
GGCTGAATAAAAAGTTTGGCTTGCCTGTGTAATGCCACTCCCTTCCCCCTGGCTCCCTA
GTGATGGGACATATATGAGAGAGAAGTGTCTTCTATCATAGACACCATAGGGGAAAGTT
TGGGGATGAAGGAGAGCTTAAAGGTGTTTCAATTAAGTTAGAAAAGTACACAGGCTGTT
GAGAATCTTTGCCACTTTTCCACCCCAAAAACAGCATGGGGCCTGACATCTTCTGCCCT
GGTCCCCCTTCTCTTGTGTTGAAAGTCTGAATGCAGTATTTATAGACTTCTAAGGTTTT
AAAATCCAGTATCAAGAAGAAAATCAGAAATACTGGTTGGTGAATAAAGAGTTTAGGCA
TTGTTAAAAAACAACAAAAAACAACAAAAAACAACAAAAAACAACAAAAAACAACAAAAA
    
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5' Read Nucleotide Sequence:	>OriGene 5' read for BC006477 unedited NAAGGTGACAGCTTTGTAACGACTCACTATAGGCGGCCGCGACATCGGCACGAGGGGGTT TGCTGCCGGAGCGGAGTCTCCGGCCGGCGTCCAGTTTGTAGTCTAGGTTGGAGTTGGAACC GTGGAGATGCGGAAGGAAACCCACCCCTAGTGCCCCGGCGGCCGGGAGTGGAAT CTTCCCCAAATGCGCCCGCCTGCATGGAACGGCAGTTGGAGGCTGCGCGGTACCGGTCC GATGGGGCGCTTCTCCTCGGGGCTCCAGCCTGAGTGGGCGCTGCTGGCCGGCTCCCTC TGGCTTTTAAAGGACCCCTGTGCCGCCCAACGAAGGTTCTGCTCCGCGGAGTCCAA ACGGAGGCTGGAGTGGCTGACCTCACTTGGGTTGGGAGAGAGGTATTCTAGTGGCCTCC GATTCAGGTGCTGTTGAATTGTGGAACTAGATGAGAATGAGACACTTATTGTCAGCAAG TTCTGCAAGTATGAGCATGATGACATTGTGTCTACAGTCAGTGTCTTGAGCTCTGGCACA CAAGCTGTCAGTGGTAGCAAAGACATCTGCATCAAGGTTTGGGACCTTGCTCAGCAGGTG GTACTGAGTTCATACCGAGCTCATGCTGCTCAGGTCACTTGTGTTGCTGCCTCCTCCTAC AAGACTCTGTGTTTCTTTCATGCAGCGAGGACAATAGAATTTTACTCTGGGATACCCGCT GTCCAAAGCCAGCATCACAGATTGGCTGCAGTGCCTGGCTACCTTCTACCTCGTGG CTTGGCATCCTCAGCAAAGTGAAGTCTTTGTCTTTGGTGATGAGAATGGGACAGTCTCCC TTGTTGACACCAAGAGTACAGCTGTGCTGAGCTCAGCTGTACTACTCCAGTGTGTAC TGGGCTGGTGTCTCCCCACAGTGTTCCT
Restriction Sites:	Please inquire
ACCN:	BC006477
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).
Reconstitution Method:	<ol style="list-style-type: none"> 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:	BC006477.1 , AAH06477.1
RefSeq Size:	2079 bp
Locus ID:	79084
Cytogenetics:	1p13.2
Protein Families:	Stem cell - Pluripotency

Gene Summary:

The protein encoded by this gene is an androgen receptor coactivator that forms a complex with protein arginine methyltransferase 5, which modifies specific arginines to dimethylarginines in several spliceosomal Sm proteins. The encoded protein may be involved in the early stages of prostate cancer, with most of the protein being nuclear-localized in benign cells but cytoplasmic in cancer cells. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2015]