

## Product datasheet for **SC100608**

### WDSUB1 (NM\_152528) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	WDSUB1 (NM_152528) Human Untagged Clone
Tag:	Tag Free
Symbol:	WDSUB1
Synonyms:	UBOX6; WDSAM1
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL4</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene ORF within SC100608 sequence for NM\_152528 edited (data generated by NextGen Sequencing)

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ATGGTGAAACTGATTCACACATTAGCTGATCATGGTGACGATGTCAACTGCTGTGCCTTC
TCCTTTTCCCTCTTGGCTACTTGGCTCCTTGGACAAAACAATTCGCTGTACTCGTTACGT
GACTTTACTGAACTGCCACATTCTCCATTGAAGTTTCATACCTATGCTGTCCACTGCTGC
TGTTTTCTCCCCTTCAGGACATATTTTGGCATCGTGTTC AACAGATGGTACCACTGTCTTA
TGGAACTACTGAAAATGGACAGATGCTGGCAGTGATGGAACAGCCTAGTGGCAGCCCTGTG
AGGGTTTGCCAGTTTTCCCAGACTCCACGTGTTTGGCATCAGGGGCAGCTGATGGAAC
GTGGTTTTGTGGAATGCACAGTCATACAAATTATATAGATGTGGTAGTGTAAAGATGGC
TCCTTGGCGGCATGTGCATTTTCTCCTAATGGAAGCTTCTTTGCTACTGGCTCCTCATGT
GGTGATTTAACAGTGTGGGATGATAAAATGAGGTGTCTGCATAGTAAAAAGCACATGAT
CTTGAATTACCTGCTGCGATTTTCTTACAGCCAGTTTCTGATGGAGAACAAGGTCTT
CAGTTTTTTCGACTGGCATCATGTGGTCAGGATTGCCAAGTCAAATTTGGATTGTTTCT
TTTACCCATATCTTAGGTTTTGAATTAATAAAAAGTACACTGAGTGGGCACTGTGCT
CCTGTTCTGGCTTGTGCTTTTTCCCATGATGGGCAGATGCTAGTCTCAGGGTCAGTGGAT
AAGTCTGTATAGTATATGATACTAATACTGAGAATATACTTACACATTGACTCAGCAC
ACCAGGTATGTCACAACCTGTGCTTTTGCACCTAATACCCTTTTACTTGCTACTGGTTCA
ATGGACAAAACAGTGAACATCTGGCAATTTGACCTGGAACACTTTGCCAAGCAAGGCGC
ACAGAACATCAGCTGAAGCAATTTACCGAAGATTGGTCAGAGGAGGATGTCTCAACATGG
CTTTGTGCACAAGATTTAAAAGATCTTGTGGTATTTTCAAGTGAATAACATTGATGGA
AAAGAAGTGTGAATCTTACAAAAGAAAGTCTGGCTGATGATTTGAAAATGAATCTCTA
GGACTCGTAGTAAAGTCTGAGGAAAATTGAAGAGCTCAGGACCAAGGTTAAATCCCTT
TCTTCAGGAATTCCTGATGAATTTATATGTCCAATACTAGAGAACTTATGAAAGATCCG
GTATCGCATCAGATGGCTATTCATATGAAAAGGAAGCAATGAAAATTGGATCAGCAAA
AAGAAAAGTACAAGTCCCATGACAAATCTTGTCTTCCCTCAGCGGTA CTTACACCAAAT
AGGACTCTGAAAATGGCCATCAATAGATGGCTGGAGACACACCAAAGTAA
    
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Clone variation with respect to NM\_152528.2

**5' Read Nucleotide Sequence:**

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>OriGene 5' read for NM_152528 unedited
TGTTCAAATTTGTATACGACTCATATAGGGCGGCCGGAATTCGCACCAGGTTCCCTCTG
CTCTGGGTCTCCGCCGCGCCCGCCCGCCAGCCTCACCTGCGCGGCACGTGACCCGCAC
CGCCCGTGGGCACCTTGAAGGCGGATCCCGCGCGCCCGCTCCTGCAGGCTGTTTTTCT
TCAAATAAAGAACATGGTGAACATGATTACACATTAGCTGATCATGGTGACGATGTCAA
CTGCTGTGCCTTCTCCTTTTCCCTCTTGGCTACTTGTCTTGGACAAAACAATTCGCT
GTACTCGTTACGTGACTTTACTGAACTGCCACATTCTCCATTGAAGTTTCATACCTATGC
TACCCTGTCTTATGGAATACTGAAAATGGACAGATGCTGGCAGTGATGGAACAGCCTAG
TGGCAGCCCTGTGAGGGTTTGCCAGTTTTCCCAGACTCCACGTGTTTGGCATCAGGGGC
AGCTGATGGAACGTGGTTTTGTGGAATGCACAGTCATACAAATTATATAGATGTGGTAG
TGTTAAAGATGGCTCCTTGGCGGCATGTGCATTTTCTCCTAATGGAAGCTTCTTTGTCAC
TGGCTCCTCATGTGGTATTTAACAGTGTGGGATGATAAATGAGGTGTCTGCATAGTGAA
AAACACATGATCTTGAATTTACCTGCTGCGNATTTTCTTACAGCCAGTTTCTGATGGAG
AACAAAGTCTTCAGTTTTTTCGACTGGCATCATGTGGTTCAGGATTGCCAAGTCAAAT
GGGATTGTTTCTTTTACCATATCTNANNGTTTGAATAAAATATAAAGTACACTGAGTG
GGCACTGGGCTCCTGTCTTGGCTTGTGCTTTTTCCATGATGGC
    
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<b>3' Read Nucleotide Sequence:</b>	>OriGene 3' read for NM_152528 unedited GGGGCATCTATGNNACCGCGGCCCACTTCTANAGTCGGTTTTTTTTTTTTTTTTTTTAA AGTTAACTTTATTTCTATATAGCTGAAGATTCTTTTCACTAGTACAAAAAGGCTTTTATA GTAAGTCCATGTGTTTTTAAAGAATGAAAATTGACAATTTTATAGGTAACATAATTTA AGAAGTTTACCTTTTCTGTTTTGCTTTTAATAATGTCTGATTAGTATTTACCTATAAA TCATTCAAATGAGATCACTGAAAATATAAATAACAATATCAACAATTTTACTTTTGGT GTGTCTCCAGCCATCTATTGATGGCCATTTTCAGAGTCTATTTTGGTGAAGTACCGCTG AAGGAAGAACAAGATTTGTCATGGGACTTGTACGTTTCTTTTTGCTGATCCAATTTTCCA TTGCTTCTTTTTCATATGAATAGCCATCTGATGCGATGACCGGATCTTTCATAAGTTCTC TAGTTATTGGACATATAAATTCATCAGGAATTCCTGAAGAAAGGGATTTAACCTTGGTCC TGAGCTCTTCAATTTTCTCAGCACTTTACTACGCAGTCTAGAGATTCAATTTTCAAAT CATCAGCCAGACTTTCTTTTGAAGATTCAACAGTTCTTTTCCATCAATGTTATTCATCT TGAAAATACCAACAAGATCTTTTAAATCCTGTGCACAAAGCCATGTTGAGACATCCTCCT CTGACCAATCTTCGGTAAATTGCTTCAGCTGATGTTCTGTGCGCCTTGCTTGGCAAAGTG TTTCCAGTCAAAAATGCCAGATGTTCACTGTTTTGCTTTGAACCGTTGCAAGTAAAAGG GTATTATGTGCAAAACCCAGTTGGTGACATACCTGGG
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_152528
<b>Insert Size:</b>	1900 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>	<u><a href="#">NM_152528.1</a></u> , <u><a href="#">NP_689741.1</a></u>
<b>RefSeq Size:</b>	1811 bp
<b>RefSeq ORF:</b>	1431 bp
<b>Locus ID:</b>	151525
<b>UniProt ID:</b>	<u><a href="#">Q8N9V3</a></u>
<b>Cytogenetics:</b>	2q24.2
<b>Domains:</b>	SAM, WD40, U-box
<b>Protein Families:</b>	Druggable Genome