

Product datasheet for **SC320157**

WDR45L (WDR45B) (NM_019613) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WDR45L (WDR45B) (NM_019613) Human Untagged Clone
Tag:	Tag Free
Symbol:	WDR45L
Synonyms:	NEDSBAS; WDR45L; WIPI-3; WIPI3
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_019613.3
 GCCGCCGTCCCCAGCGAGAGGCATGCAGCGCTGAGGAGCGGGCAGCCAGCACGGCGGCGC
 CATGAACCTCCTGCCGTGTAACCCTCACGGCAACGGGCTGCTCTACGCCGGCTTCAACCA
 GGACCACGGATGCTTTGCGTGTGGGATGGAAAATGGATTCCGGCGCCATGAACCTCCTGC
 CGTGTAACCCTCACGGCAACGGGCTGCTCTACGCCGGCTTCAACCAGGACCACGGATGCT
 TTGCGTGTGGGATGGAAAATGGATTCCGAGTCTATAACACTGATCCACTAAAAGAAAAAG
 AGAAACAAGAATTTCTAGAAGGAGGAGTTGGCCATGTTGAAATGTTATTTTCGCTGCAACT
 ATTTAGCTTTAGTTGGTGGTGGAAAAAGCCGAAATACCCTCCCAACAAAGTAATGATCT
 GGGATGACCTGAAGAAGAAGACTGTTATTGAAATAGAATTTTCTACAGAAGTCAAGGCAG
 TCAAACCTGCGGCGAGATAGAATTGGTGGTTTTGGACTCCATGATTAAGGTGTTACAT
 TCACACACAATCCCCATCAGTTGCACGTCTTCGAAACCTGCTATAACCCCAAAGGCTCT
 GTGTCCTTTGTCCCAATAGTAACAACCTCCCTCCTGGCCTTTCCGGGCACGCACACGGGCC
 ATGTGCAGCTTGTGGACCTGGCCAGCACGGAGAAGCCACCCGTGGACATTCTGCACACG
 AGGGTGTCTGAGCTGCATTGCACTCAACCTGCAGGGAACAAGAATTGCAACTGCATCCG
 AGAAAGGGACGCTTATAAGAATATTTGATACTTCATCAGGGCATTAAATCCAGGAACTGC
 GAAGAGGATCTCAAGCAGCAATATTTACTGCATCAACTCAATCAGGATGCGTCCCTCA
 TCTGCGTATCCAGCGACCACGGCACAGTGCATATTTTTGCAGCTGAAGATCCAAAAGGA
 ATAAACAGTCCAGTTTGGCCTCAGCCAGTTTCTTCCAAAATACTTCAGTTCCAAGTGG
 GTTTCTCCAAGTTTCAGGTTCCCTCAGGCTCTCCGTGCATTTGTGCCTTTGGAACAGAGC
 CAAACGCCGTCAATTGCAATTTGTGCAGACGGCAGCTACTACAATTCCTGTTCAACCCCA
 AGGGGGAGTGCATCCGAGATGTCTACGCGCAGTTTCTAGAGATGACCGATGACAAGCTGT
 GACTCCAGCTGGGGGCGCCACAGCACCCACCACCTGCCGCTTCAGACTCTCGGGGCTGG
 TGCCAGTGCCCCAGGGGCTCCTGGGCCACGGGCTGGAGGGGCTGCCAGGGACCTTGGT
 CTGAAGCCATACGTGGTTGTCTGCTTTTCTAAGGACTCCATTTCAGATTAAGAGAGA
 GAATCATCATCAAGCACCGTAGGTAACACTCAGTGGCTGTGACCAGCTCGACTGGCGGCCA
 CTGGCTGTTCCCATGAGTTCAGCTGTGACGTTAGCTTCAGTGGCTCCGCCGATCCTCAC
 ACTGACGGGGGCTCCATACGGACCTGGGGACTGGGCTGAGAGGGTGGACGAGTTCAGGTT
 TGTTTTTGCAGCAGATCCGTCGTTCTTACTGAGTCTGCAGCGGGGGAGTGAACAAGTGT
 GCAGATGAAGTCTTACATGATAAGCAGATTGAATACAACACCAGCAGCTTGCCTTAGA
 AAAGGAGAAAGGAATTCCTTTCCCGCCGAACATGAAGAAAAACGACCTGACCTGTAG
 AGAGAACACAGTGTGAATGTTTCCCTCGTGTGAGCCCAGCCTGTGGTCTTCTCCGTACC
 CGCAACGTGGTCACTGTGCCCGTGACGTACCTGTGCCCGTGGCTGGCGTCCCGTCTC
 CGTTGGGGCCATTAGAATGAGGCAGACACCAGGCCACTCTAGAAGCCGAGCCGTACACC
 TCAGGCGTGTGCGGGGCGGGGACGGGGGTCTCCTGGTTACATTTGGATTAAACCTGTT
 TCCCGGTTATGTGTAGGGAACAGCAGAGTGATGCACGAACTTTGAACATTCGTTATGGGG
 AAAACATCCTTTAACTTCGGGGTCTGCTGCCAGAGCAGGGTCTGGGAGGGTCCATGCAGT
 TCCCGTGGTGTGGAGGGAATGCCCTGGTCTGGCCTCCGAGCCCCAGGTCCACCGTCT
 CCCCTCCCCTCATTGTGAAGAATAGCTACACACTAACATTTTGGGAAGGAGAGGCACATA
 ATTTTTTTTAAACATTTGGTAAGTATAGGTTATGGGCTCTACATTGTCAGCTACTTGGGATAT
 ATATTTAATTTTCTAAATTCCTGTTAACTCTATTTTATGGTTTTGATTTTCAGATTGCA
 AACATGTAACCTGCATAGCAGCGAGTTCTCGTTTTGCGGTTTTCTTATGTTCTTTAC
 TGTCACTGTCATGTAATCAGCTAATTCTCTGTGGATGTTGCTGTAAGTATGCATGTTCC
 TTTTATGTGATTTAATCATGATGTTTAAATTTTGCACACTATTTGTAATGTTTCTTTTA
 AATAAAGTGACTAATTTGTTGTAATAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_019613

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:	<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:	<u>NM_019613.3</u> , <u>NP_062559.2</u>
RefSeq Size:	2596 bp
RefSeq ORF:	1035 bp
Locus ID:	56270
UniProt ID:	<u>Q5MNZ6</u>
Cytogenetics:	17q25.3
Domains:	WD40
Gene Summary:	<p>This gene encodes a member of the WIPI or SVP1 family of WD40 repeat-containing proteins. The protein contains seven WD40 repeats that are thought to fold into a beta-propeller structure that mediates protein-protein interactions, and a conserved motif for interaction with phospholipids. The human genome contains several pseudogenes of this gene. [provided by RefSeq, Jul 2008]</p>