

Product datasheet for **SC337416**

WDR75 (NM_001303096) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WDR75 (NM_001303096) Human Untagged Clone
Tag:	Tag Free
Symbol:	WDR75
Synonyms:	NET16; UTP17
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001303096, the custom clone sequence may differ by one or more nucleotides

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ATGCATTGCGAATATCCAAAAGAGCTGTATTCTTGTTCCCTTGATGGCACAATAACTGTGGGACTATA
TAGATGGCATCTTAATAAAGACTTTCATAGTTGGATGTAACCTTCATGCCCTCTTTACTCTTGCCCAAGC
TGAGGATTCTGTCTTTGTTATAGTGAATAAAGAAAAACCAGATATATTTACAGCTGGTTTCAGTGAAACTG
CCAAAATCCTCAAGCCAGGAAGTAGAAGCCAAGGAGCTGCCTTTGTTTTGGATTACATAAACAGTCAC
CCAAGTGCATTGCCTTTGGAAACGAGGGAGTATATGTTGCTGCAGTACGGGAATTTTACTTGTCTGTTTA
TTTTTTCAAAAAGAAAACAACATCAAGGTTTACTTTATCATCATCAAGAAATAAGAAGCATGCTAAAAAC
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GTCTTTGGAGGAATTTTATGATGATAAGAAATATACGTACACATGTTTACATTGGCACCATGATATGGT
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TCTCGCCTGCAGGAGATTATTCTGCACCTCTCACTCTGATAATAAGATAATAATTATTCACCGAAACCT
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TCCAGAGAGAAAGTCCAGTGGGGAGTGTGTTTCCACGAGATGTCCTGAATCCTTCACCTCAGAAGCTT
ACCAAGTGGCTAAATAGATCCCAGTTTTACTTCTAACAAAATCACAGAGTTTATTGACATTCAGTACAAA
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GCCATCTGCTGCTTTCCTGTGCTCCATGTTTGTAATTCATTGCTGCTGTCTAAAGAGACTAAGAGTGCT
AAGGAAATTCCTGAAGATGTAGATATGGAAGAAGAAAAAGAAAGTGAAGATTGAGATGAAGAAAATGATT
TTACCGAAAAAGTCCAGGATACAAGTAACACAGGTTTAGGAGAAGACATTATACATCAGTTGTCAAATC
TGAAGAAAAAGAACTGAGAAAATTTAGGAAAATAGACTACAGCTGGATAGCTGCCCTTAA

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Restriction Sites: SgfI-MluI

ACCN: NM_001303096

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:	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_001303096.1, NP_001290025.1</u>
RefSeq Size:	2750 bp
RefSeq ORF:	2301 bp
Locus ID:	84128
UniProt ID:	<u>Q8IWA0</u>
Cytogenetics:	2q32.2
Gene Summary:	Ribosome biogenesis factor. Involved in nucleolar processing of pre-18S ribosomal RNA. Required for optimal pre-ribosomal RNA transcription by RNA polymerase I.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) contains an alternate exon which results in a distinct 5' UTR and use of an alternate start codon, compared to variant 1. The encoded isoform (2) has a shorter and distinct N-terminus compared to isoform 1.