

Product datasheet for **SC127732**

WDR75 (NM_032168) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WDR75 (NM_032168) Human Untagged Clone
Tag:	Tag Free
Symbol:	WDR75
Synonyms:	NET16; UTP17
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC127732 sequence for NM_032168 edited (data generated by NextGen Sequencing)

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ATGGTGGAGGAGGAGAACATCCGCGTGGTTCGTTGTGGCGGCAGCGAGTTGAACTTTAGG
AGAGCTGTGTTCTCTGCAGATTCTAAGTATATCTTCTGTGTCTCTGGAGACTTTGTTAAA
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Clone variation with respect to NM_032168.1

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_032168 unedited
 NGGGGTTCANATTTGTATACGACTCATATAGGCGGCCGCGNATTCGGCACGAGGAGATGG
 TGGAGGAGGAGAACATCCGCGTGGTTTCGTTGTGGCGGCAGCGAGTTGAACTTTAGGAGAG
 CTGTGTTCTCTGCAGATTCTAAGTATATCTTCTGTGTCTCTGGAGACTTTGTAAAGTTT
 ACAGCACAGTTACAGAAGAGTGTGTACACATACTGCATGGACACAGAAATCTGGTGACTG
 GAATCCAGCTTAACCCCAACAACCATCTACAGCTGTATTCTTGTCCCTTGATGGCACAA
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 TTCATGCCCTCTTACTCTTGCCCAAGCTGAGGATTCTGTCTTTGTTATAGTGAATAAAG
 AAAAACAGATATATTTTCAGCTGGTTTCAGTGAAACTGCCAAATCCTCAAGCCAGGAAG
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 CCTTTGAAACGAGGGAGTATATGTTGCTGCAGTACGGGAATTTTACTTGTCTGTTTATT
 TTTTCAAAAAGAAAACAACATCAAGGTTTACTTTATCATCATCAAGAAATAAGAAGCATG
 CTA AAAACAATTNTACGTGTGTAGCATGTACCCAACGGAAGACTGCATCGCATCTGGTC
 ACATGGATGGCAAAATTCGTCTTTGGAGGAATTTTATGATGATNAGAAATATACGTACA
 CATGTTTACATTGGCACCATGATATGGTTATGGATTTGGCTTTTTCAGTGACAGGCACCA
 GTCTGCTGAGTGGCGGTGCTGAATCTGTACTTGTAGAGTGGCGCGNATGCACAGAGAAG
 AATAAGGAGTTTCTTCCGCG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_032168 unedited
 ATACAAGNAACCGCGGCCGAATCTAGNGATCGATTTTTTTTTTTTTTTTTTAAAAACA
 AAGTTTGTTAATATTTATTTATCTTATTTTGTAGAACAGAAATAACATTAATAGATGTTT
 TTAGAATATCAACATACAATCAAAAACACAAAGTCCAAGGATCCTCCCATCTCCAAGGC
 TTAAAGGCGAGCTATCCAGCTGTAGTCTATTTTCTAAATTTTCTCAGTTCTTTTCTTC
 AGATTTTGACAACGTATGTATAATGTCTTCTCCTAAACCTGTGTTACTTGTATCCTGGAC
 TTTTTCGGTAAATCATTTTCTTCATCTGAATCTTCACTTTCTTTTCTTCTTCCATATC
 TACATCTTCAGGAATTTCTTAGCACTCTTAGTCTCTTTAGACAGCAGCAATGAATTTAC
 AAACATGGAGCACAGGAAAGCAGCAGATGGCAGGACATGGGCTGGAGTGTGAAGAAGCTC
 ACTAATGCGGGTATGTTTTCTGTTAAGGGTAGTTGTACCAGCTCATTCTCTAAAGTTTC
 GTTTAGTTTTTTCATCCTGCTGTTGCCTGTGTTTTCCCAATATGAAATAAAATGGGTTGT
 GGGAAGACTTTTCTGCTAGCAGCTGTTGCTTGTGTTGGTGTAGTTTTTCTTCTGGAGA
 CTTTGTACTGAATGTCAATAAACTCTGTGATTTTGTAGGAAGTAAACTGGGATCTATT
 TAGCCACTGGTAAGCTTCTGAAGTGAAGGATTCAGGNACATCTCGTGGAACAAACACTCC
 CCACTGGACTTTCTCTGAGATACCCTTTTGAATATACCATGGCCCTGGCTCACTANG
 TTTAAATACAACNAGTCTGAACCCACTGAAGACTGANAGATTGCAGNCATATTCTCTGA
 ATTAGGATCGGGTNCCTAACTCTACATTTAATTTGCATTCACTCCATGCACAGCTTAA
 CAAT

Restriction Sites:

NotI-NotI

ACCN:

NM_032168

Insert Size:

2750 bp

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_032168.1, NP_115544.1</u>
RefSeq Size:	2777 bp
RefSeq ORF:	2493 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 (1) encodes the longer isoform (1).