

Product datasheet for **SC307269**

WDR20 (NM_181308) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WDR20 (NM_181308) Human Untagged Clone
Tag:	Tag Free
Symbol:	WDR20
Synonyms:	Bun107; DMR
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC307269 representing NM_181308.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGGCGACGGAGGGAGGAGGAAGGAGATGAACGAGATTAAGACCAATTCACCACCCGGGAAGGTCTG
TACAAGCTGCTGCCGCACTCGGAGTACAGCCGGCCCAACCGGGTCCCTTCAACTCGCAGGGATCCAAC
CCTGTCCGCTCTCCTTGTAAACCTCAACGACCAAGTCTGGCAACGGCGACCGCCTCTGCTTCAATGTG
GGCCGGGAGCTGTACTTCTATATCTACAAGGGGTCCGCAAGAGACTAATAGACAAGTCACGAGTTACC
TGTGTCAAATGGTTCCCGGTTCCGAAAGCCTTTTCTAGTAGCCACTCGAGTGGGAACATGTACTTA
TATAATGTGGAGCACACTTGTGGCACCACAGCCCCCACTACCAGCTTCTGAAGCAGGGAGAGAGCTTT
GCCGTGCACACTTGAAGAGCAAATCCACGAGGAACCCTCTCCTTAAGTGGACGGTGGGCGAGGGGGCC
CTCAACGAGTTTGTCTTCCCCAGATGGCAAGTCTTAGCGTGCCTGAGCCAGGACGGGTTTCTGCGG
GTGTTCAACTTTGACTCAGTGGAGCTGCACGGTACGATGAAAAGCTACTTTGGGGCTTGTGTGTGTG
TGCTGGAGCCCGATGGCAAGTACATCGTGACAGGTGGGAGGACGACTTGGTGACAGTCTGGTCCCTTT
GTAGACTGCCGAGTAATAGCCAGAGGCCACGGGCAAGTCTGGGTCACTGTTGTAGCGTTTGACCCT
TATACCACTAGTGTAGAAGAAGGTGACCCTATGGAGTTTGTGGCAGCGATGAGGACTTCCAAGACCTT
CTTCATTTTGGCAGAGATCGAGCAAATAGTACACAGTCCAGGCTCTCAAACGGAAGTCTACAGACAGC
CGCCCCGTAAGTGTACGTATCGGTTTGGTCCGTGGGCCAGGACACACAGCTCTGTTTATGGGACCTT
ACAGAAGATATCCTTTCCCTCACCAACCCCTCTCAAGAGCAAGGACACACAAATGTCATGAATGCC
ACGAGTCTCTGCTGGAAGCAATGGGAACAGTGTACAACACCCGGGAAGTCTGTGCCGCTCTCTG
CCACGGTCCAACAGCCTCCACATTCAGCAGTCTCAAATGCTGGCAGCAAAGCAGTGTATGGACGGG
GCCATTGCTTCTGGGGTACGAAATTTGCAACACTTTCACTACATGACCGGAAGGAGAGGCACCACGAG
AAAGATACAAGCGAAATCATAGCATGGGACACATTTCTAGCAAGAGCAGTGACAAACTGAATCTAGTT
ACCAAAACCAAAACGGACCCTGTAAAACCTCTGGGAACGCCCTGTGTCCTGAATGGAAGATGTTCCC
TTGTTAGACCGCTGATATGTAAGAGATAGCACATGAGAGACTGACTGTACTAATATTTCTTGAAGAC
TGTATAGTCACTGCTTGTGAGGAGGATTTATTTGCACATGGGGAAGCCCTGGTAAAGTGGTAAGTTT
AATCCTTAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: SgfI-MluI

Plasmid Map: □

ACCN: NM_181308

Insert Size: 1527 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).

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:

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: [NM_181308.2](#)

RefSeq Size: 2263 bp

RefSeq ORF: 1527 bp

Locus ID: 91833

UniProt ID: [Q8TBZ3](#)

Cytogenetics: 14q32.31

MW: 56.2 kDa

Gene Summary: This gene encodes a WD repeat-containing protein that functions to preserve and regulate the activity of the USP12-UAF1 deubiquitinating enzyme complex. Multiple alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jun 2011]
Transcript Variant: This variant (3) lacks an alternate in-frame exon in the central coding region and differs in the 3' coding region and 3' UTR, compared to variant 1. The encoded isoform (3) has a distinct C-terminus and is shorter than isoform 1.