

## Product datasheet for RC233407

### WDR20 (NM\_001242415) Human Tagged ORF Clone

#### Product data:

|                           |                                                                                |
|---------------------------|--------------------------------------------------------------------------------|
| Product Type:             | Expression Plasmids                                                            |
| Product Name:             | WDR20 (NM_001242415) Human Tagged ORF Clone                                    |
| Tag:                      | Myc-DDK                                                                        |
| Symbol:                   | WDR20                                                                          |
| Synonyms:                 | Bun107; DMR                                                                    |
| Mammalian Cell Selection: | Neomycin                                                                       |
| Vector:                   | pCMV6-Entry (PS100001)                                                         |
| E. coli Selection:        | Kanamycin (25 ug/mL)                                                           |
| ORF Nucleotide Sequence:  | >RC233407 representing NM_001242415<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGCATCGCC

ATGGCGACGGAGGGAGGAGGAAGGAGATGAACGAGATTAAGACCAATTCACCACCCGGAAGGTCTGT  
 ACAAGCTGCTGCCGACTCGGAGTACAGCCGCCCAACCGGTGCCCTTCAACTCGCAGGGATCCAACCC  
 TGTCCGCTCTCCTTCGTAAACCTCAACGACAGTCTGGCAACGGCGACCGCCTCTGCTCAATGTGGGC  
 CGGGAGCTGTACTTCTATCTACAAGGGGTCCGCAAGGCTGCTGACTTGAGTAAACCAATAGATAAAA  
 GGATATACAAAGGAACACAGCCTACTTGTCTGACTTCAACCACTAACAGCCACAGCAGAAAGTGTCTC  
 TCTCTAGTGGGCTTTTCCGAGGCCAAGTCCAGCTTATAGACCAATCAAAAAAGAACTAGCAAACCTT  
 TTTAATGAGGAAACTCTTGTGACACTTGTGGAAGGTGGATTGGAATGAAGAAAGACAGAATGAAGGTA  
 GCAAGACCAAGTGAAGGAGCTCTAGTAAGTCCAGCCGGCAGAGCACTTCTGCAGGCAGGAGGACAGGAT  
 GCAAGGTGTTCTCCAAGACCAGAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

|                   |                                                                       |
|-------------------|-----------------------------------------------------------------------|
| Protein Sequence: | >RC233407 representing NM_001242415<br>Red=Cloning site Green=Tags(s) |
|-------------------|-----------------------------------------------------------------------|

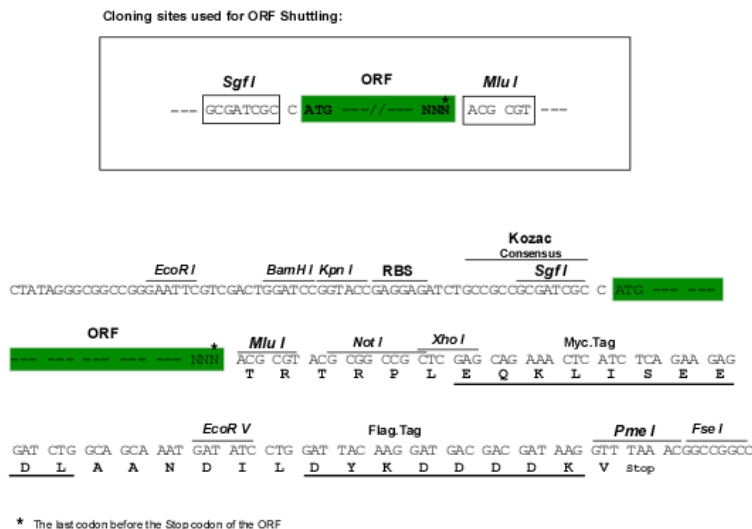
MATEGGKEMNEIKTQFTTREGLYKLLPHSEYSRPNRVPFNSQGSNPVRVSFVNLNDQSGNGDRLCFNVG  
 RELYFYIYKGVKAADLSKPIDKRIYKGTQPTCHDFNHLTATAESVSLLVGFSAQVQLIDPIKETS  
 FNEENSCQHLWKVDWNEERQNEGSKTSEEALVTVPQAEHFCRQEDRMQGLQDQN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV


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**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_001242415

**ORF Size:** 585 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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.

**Note:** Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

**RefSeq:** [NM\\_001242415.2](#)

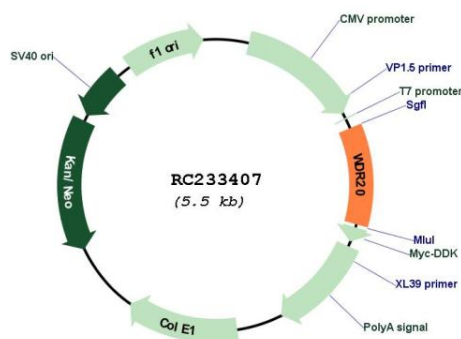
**RefSeq Size:** 3102 bp

**RefSeq ORF:** 588 bp

**Locus ID:** 91833  
**UniProt ID:** [Q8TBZ3](#)  
**Cytogenetics:** 14q32.31  
**MW:** 22.7 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]

## Product images:



Circular map for RC233407