

Product datasheet for RC233245

WDR20 (NM_001242414) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: WDR20 (NM_001242414) 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: >RC233245 representing NM_001242414
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGGCGACGGAGGGAGGAGGGAAGGAGATGAACGAGATTAAGACCAATTCACCACCGGGAAGGTCTGT
 ACAAGCTGCTGCCGCACTCGGAGTACAGCCGCCCAACCGGGTGCCTTCAACTCGCAGGGATCCAACCC
 TGTCCGCTCTCCTTCGTAACCTCAACGACAGTCTGGCAACGGCGACCGCCTCTGCTCAATGTGGGC
 CGGGAGCTGTACTTCTATATCTACAAGGGGTCCGCAAGACAATCCCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC233245 representing NM_001242414
 Red=Cloning site Green=Tags(s)

MATEGGKEMNEIKTQFTTREGLYKLLPHSEYSRPNRVPFNSQGSNPVRVSFVNLNDQSGNGDRLCFNVG
 RELYFYIYKGVKRTIP

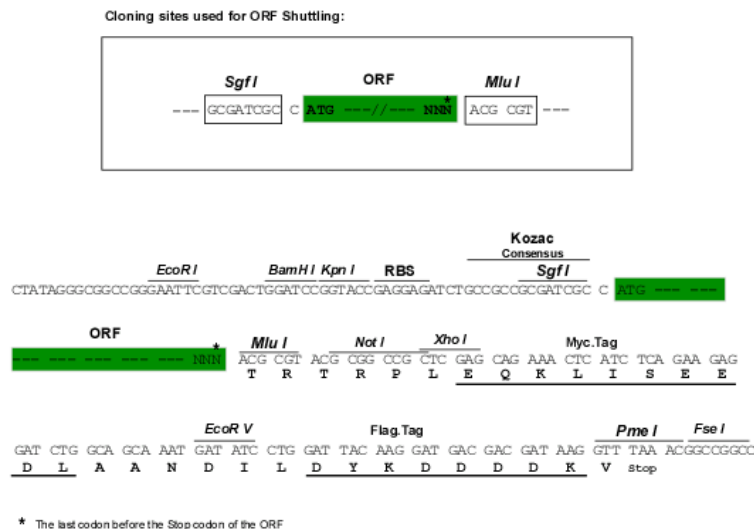
TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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Cloning Scheme:



ACCN: NM_001242414

ORF Size: 258 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_001242414.2](#)

RefSeq Size: 2276 bp

RefSeq ORF: 261 bp

Locus ID: 91833

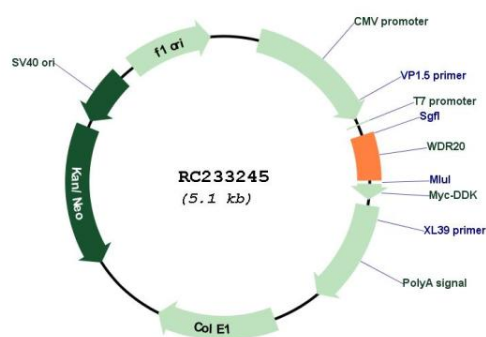
UniProt ID: [Q8TBZ3](#)

Cytogenetics: 14q32.31

MW: 10.3 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 RC233245