

Product datasheet for **RC238488**

WDR86 (NM_001284260) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WDR86 (NM_001284260) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	WDR86
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide Sequence:

>RC238488 representing NM_001284260
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGGGCGCGGGTCTGGCCCTGAGGGTCTGCGCCGACCACCGGGGGGCATCAACTGGCTGAGCCTGA
 GCCCGACGGGCAGCGCCTGCTGACGGGACGAGGACGGCACGGCCCGGCTCTGGAGCACCGCGGACGG
 CCAGTGCTGCGCCTCTGCAAGGACATGAAAGCTATGTGACCTTCTGCCAGCTGGAGGATGAGGCTGCC
 TTCACATGCAGCGCCGACTGCACCATCAGGAGGTGGGACGTGCTGACCGGCAGTGTCTGCAGGTGTACC
 GAGGACACACGTCCATCGTGAACAGGATCCTGGTTGCCAACACCAGCTCTTCAGCAGCTCCTATGACCG
 GACAGCTCGGGTCTGGAGTGTGGACAAGGGGACAGATGTCCCGGGAGTTCGGGGCCACCGCAACTGCGTG
 CTGACCTAGCCTACTCTGCCCCGTGGGACCTCCCAGCACTCCCTGCGCGGAGGAGGCCGCGCCGGGG
 GGCTTCTGGTACCGGCAGCACAGATGGCACAGCCAAGGTGTGGCAGGTGGCCAGCGGCTCTGCCACCA
 GACGCTGCGGGGCCACACGGGTGCAGTGTGTGCCTAGTCTAGACACGCCCGGCCACACGGCCTTACA
 GGACGACCGACGCCACCATCCGTGCCTGGGACATCCTGAGTGGGGAGCAGCTGCGGGTGTTCGGGAGC
 ACCGGGGTCCGTCTGTCTGGAGAGGGAGAGGTCTGGGGGGTTCAGAGCTGCCCCAGCTGCCGACC
 TTCCCTGCTCCTCTCGCAGCTGGTGAACCGACTCGTGTACTCTGGCAGCGCGGACAGGACCGTCAAGTG
 CTGGCTGGCAGACACAGGGGAGTGTGTGCGCACGTTACGGCCACAGACGCAACGTGAGCGCCCTCAAG
 TACCACGCGGGCACCTTGTTCACGGGCAGCGGGACGCTTGCGCCGGGCTTCGACGCGCAGTCTGGAG
 AGCTGCGGAGGGTGTTCGGGGCCACACATTATCATCAACTGCATCCAGGTGCACGGCCAGGTGCTCTA
 CACGCCCTCGCAGCAGCGCCCTGCGCCTCTGGGACGTGCGCGGGCTCCGAGGTGCCCGCGCCCTCAGCGG
 CCGCCATGCGCAGCCTCTCGCGGCTCTCAGCAACAAGGTGGGCTGCGCGCCCGCCCTGACGCGG
 CCTGATCCCGCGGGGCCCTGCAGACGCCAGCCAGACACCCAGCGGCTCCAGAGCGCCCGCCCTGCT
 ACCCGCGGTGGTGGCGCCGATGGCGGGCAGGGGCGAGGAGCGAGGAAGCCCGGGCGGAGGAGAGCC
 GTCGACGGCTCTGGTTTTCTTTGGTGGCCAGGAGCGCTGGGAGCGGGAGTGTCTGCCCTGGGACCG
 CCCCCTTTCCCTTTAGGGTGGCTCTGTCTCCCTCCCATCCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC238488 representing NM_001284260
 Red=Cloning site Green=Tags(s)

MGGGGSALRVCADHRGGINWLSLSPDGQRLLTGSEDTARLWSTADGQCCALLQGHE SYVTFQLEDEAA
 FTCSADCTIRRWDVLTGQCLQVYRGHTSIVNRILVANNQLFSSSYDRTARVWSVDKGQMSREFRGRHNCV
 LTLAYSAPWDL PSTPCAEEAAAGLLVTGSTDGTAKVWQVASGCCHQTLRGHTGAVLCLVLDTPGHTAFT
 GSTDATIRAWDILSGEQLRVFREHRGSVICLERERSGGLQSCPSCRPSLLLLAAGEPTRVLWQRGQDRQV
 LAGRHRGVCAHVHGPQTQRERPQVPRGHLVHGQRGRLRPLRRAVWRAE GVPGPPIHHQLHPGARPGAL
 HRLARRRPAPLGRARAPRCPAAPSAAHAQPLAALQQQGGLRRRAPAAGLIPRGPCRRQPRHPAAPRAPRA
 TRGGGARWPARGEERGSPGRRRARRRRLVFLWPPGGAGSGSARPGDRPLFPFRVAPVLPHP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

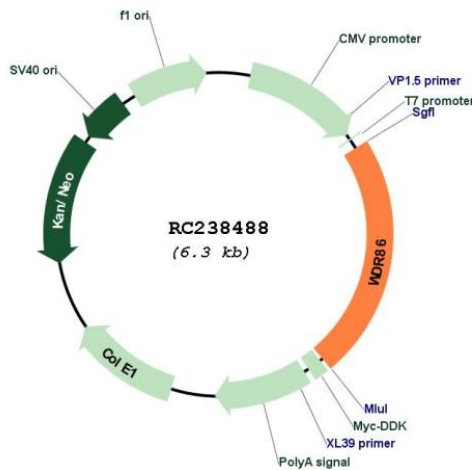
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001284260

ORF Size: 1446 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.

RefSeq: [NM_001284260.2](#)

RefSeq Size: 2120 bp

RefSeq ORF: 1449 bp

Locus ID: 349136

UniProt ID: [Q86T14](#)

Cytogenetics: 7q36.1

MW: 52.7 kDa