

Product datasheet for **RC236912**

WDR86 (NM_001284262) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: WDR86 (NM_001284262) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: WDR86
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RC236912 representing NM_001284262
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCCCGGAGTTCGGGGCCACCGCAACTGCGTGCTGACCCTAGCCTACTCTGCCCGTGGGACCTCC
CCAGCACTCCCTGCGCGGAGGAGGCCCGGGGGGCTTCTGGTGACCGGCAGCACAGATGGCACAGC
CAAGGTGTGGCAGGTGGCCAGCGGTGCTGCCACCAGACGCTGCGGGGCCACACGGGTGCAGTGTGTGC
CTAGTGCTAGACAGCCCCGGCCACACGGCCTTACAGGCAGCACCGACGCCACCATCCGTGCCTGGGACA
TCCTGAGTGGGAGCAGCTGCGGGTGTCCGGGAGCACCGGGGCTCCGTATCTGTCTGGAGCTGGTGAA
CCGACTCGTGTACTCTGGCAGCGCGACAGGACCGTCAAGTGTGGTGGCAGACACAGGGGAGTGTGTG
CGCACGTTACGGCCACAGACGCAACGTGAGCGCCCTCAAGTACCACGCGGGCACCTTGTTCACGGGCA
GCGGGGACGTTGCGCCCGGGCCTTCGACGCGCAGTCTGGAGAGCTGCGGAGGTGTCCGGGGCCACAC
ATTCATCATCAACTGCATCCAGGTGCACGGCCAGGTGCTCTACACCGCCTCGCACGACGGCGCCCTGCGC
CTCTGGGACGTGCGCGGGCTCCGAGGTGCCCGCGGCCCTCCGCCATGCGCAGCCTCTCGGGCTCT
TCAGAACAAAGGTGGGCTGCGCCCGCGCCCTGCAGCCGGCC

ACGCGTACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC236912 representing NM_001284262
Red=Cloning site Green=Tags(s)

MSREFRHRNCVLT LAYSAPWDL PSTPCAEEAAAGLLVTGSTDGTAKVWQV ASGCCHQTLRHTGAVLC
LVL DTPGHTAFTGSTDATIRAWDILS GEQLRVFREHRG SVICL ELVNRLVYSGSADRTVKCWLADTGE CV
RTFTAHRNVSALKYHAGTLFTGSGDACARAFDAQSGELRRVFRGHTFI INCIQVHGQVLYTASHDGALR
LWDV RGLRGAPRPPPPMRSL SRLFSNKVGCAAAPLQPA

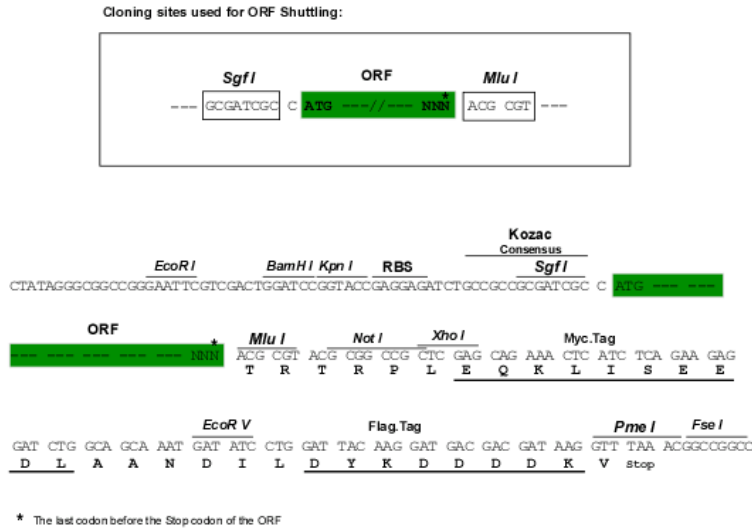
TRTRPLEQKLI SEEDLAANDILDYKDDDDKV



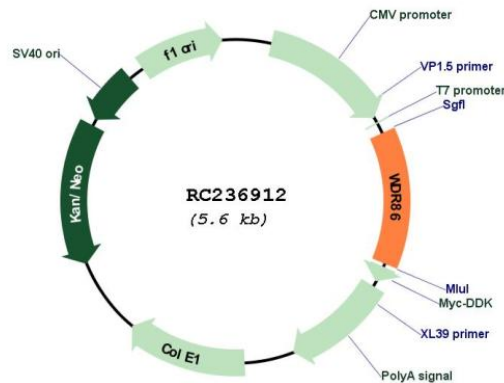
[View online »](#)

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001284262

ORF Size: 744 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:	<ol style="list-style-type: none">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_001284262.1</u> , <u>NP_001271191.1</u>
RefSeq Size:	1557 bp
RefSeq ORF:	747 bp
Locus ID:	349136
UniProt ID:	<u>Q86T14</u>
Cytogenetics:	7q36.1
MW:	27.2 kDa