

Product datasheet for **RG236603**

WDR61 (NM_001303248) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WDR61 (NM_001303248) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	WDR61
Synonyms:	REC14; SKI8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG236603 representing NM_001303248. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGACCAACCAAGTACGGTATTCTCTTCAAACAAGAGCAAGTGGATGCCTGGACTTTGGCCTTTTCTCCT
GATCCCAGTATCTGGCCACAGGAACATGTCCGGAAAGTGAACATTTTGGTGTGGAAAGTGGGAAA
AAGGAATATTCTTTGGACACGAGAGGAAAATTCATTCTTAGTATTGCATATAGTCCTGATGGGAAATAC
CTAGCCAGTGGGCCATAGATGGAATCATCAATATTTTGGATTTGCAACTGGAAAATTCTGCATACC
CTGGAAGGCCATGCCATGCCATTGCTCCTTGACCTTTCCCGGACTCCAGCTCCTTGTCACTGCT
TCAGATGATGGCTACATCAAGATCTATGATGTACAACATGCCAATTTGGCTGGCAGCTGAGCGGCCAT
GCCTCCTGGGTGCTGAAGTTGCATTCTGTCTGATGACACTCACTTTGTTCCAGTTCTGTGACAAA
AGTGTAAGTTGGGATGTTGGAACGAGGACTTGTGTTACACCTTCTTTGATCACCAGGATCAGGTC
TGGGGAGTAAATACAATGGAAATGTTCAAAAATTTGTGTCTGTTGGAGATGACCAGGAAATTCACATC
TATGATTGTCCAATT
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
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Protein Sequence: >Peptide sequence encoded by RG236603
 Blue=ORF Red=Cloning site Green=Tag(s)

MTNQYGILFKQEVDAWTLAFSPDSQYLATGTHVGKVNIFGVESGKKEYSLDTRGKFI LSIAYSPDGKY
 LASGAIDGIINIFDIATGKLLHTLEGHAMPIRSLTFSPDSQLLVTASDDGYIKIYDVQHANLAGT LSGH
 ASWVLNVAFCPDDTHFVSSSSDKSVKVDVGTRTC VHTFFDHQDQVWGKYNNGSGKIVSVGDDQE IHI
 YDCPI

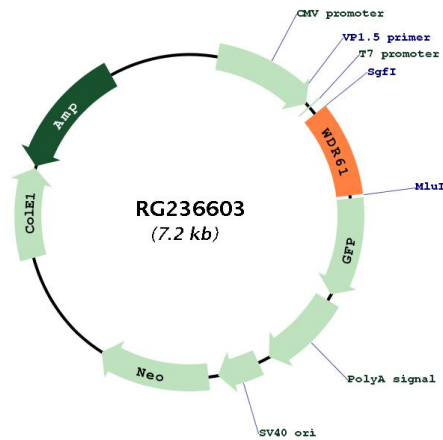
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMKSTKGALTFSPYLLSHV
 MGYGFYHFGTYPSGYENPFLHAINNGGYTNTRIEKYEDGGVLHVSFSYRYEAGRVI GDFKVMGTGFPE D
 SVIFTDKIIRS NATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001303248

ORF Size:	636 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).
RefSeq:	NM_001303248.2
RefSeq Size:	1054 bp
RefSeq ORF:	639 bp
Locus ID:	80349
UniProt ID:	Q9GZS3
Cytogenetics:	15q25.1
Protein Pathways:	RNA degradation
MW:	23.7 kDa
Gene Summary:	WDR61 is a subunit of the human PAF and SKI complexes, which function in transcriptional regulation and are involved in events downstream of RNA synthesis, such as RNA surveillance (Zhu et al., 2005 [PubMed 16024656]).[supplied by OMIM, Mar 2008]