

Product datasheet for RC233596

WDR4 (NM_001260477) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WDR4 (NM_001260477) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	WDR4
Synonyms:	GAMOS6; hWH; MIGSB; TRM82; TRMT82; Wuho
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC233596 representing NM_001260477 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCTGTTAGATGTGGCTGTGAGTCCTGATGACCGCTTCATCCTCACTGCCGACCGGGACGAGAAGATCC
GAGTCAGCTGGGCCGCGGCCATAGCATCGAGTCCTTCTGCTTGGGGCACACAGAGTTTGTGAGCCG
TATCTCCGTGGTGCCAACTCAGCCGGGCTGCTTCTGTCTCCTCTGGGGACGGCACCTGAGGCTCTGG
GAGTACAGGAGCGCCGCGCAGCTGCACTGCTGTACCTGGCCAGTCTGCAGGAGCTGGTGGACCCCAAG
CCCCCAGAAGTTGCCGCGTCCAGGATTGCATCTGGTGCCAGGAGAACTGCGTGGCGCTCCTGTGCGA
CGGCACTCCTGTGGTCTACATCTCCAGCTGGACGCCCGAGACAGCAGTTGGTGTACAGGCAGCAGCTG
GCGTTCAGCACCAAGTGTGGGACGTGGCTTTCGAGGAGACCCAGGGGCTGTGGGTGCTCCAGGACTGCC
AGGAAGCCCCCTGGTGTCTACAGGCCTGTGGGCGACCAAGTGGCAGTCTGTTCCCTGAGAGCACCGTGT
AAAGAAAGTCTCTGGTGTCTTCGTGGGAACTGGGCCATGCTGGAAGGCTCTGCCGGCGCAGACGCCAGC
TTCAGCAGTCTCTACAAGGCCAGTTCGACAACGTGACCTCCTACCTGAAGAAGAAAGAGGAGAGACTGC
AGCAGCAGCTAGAGAAGAAGCAGCGGCCGGAGTCCCCCGCTGGGCCCGACGGGCATGCCAAGAAGAT
GAGACCGGGGAGGCGACGCTAAGTTGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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_001260477.1](#), [NP_001247406.1](#)

RefSeq Size: 2223 bp

RefSeq ORF: 801 bp

Locus ID: 10785

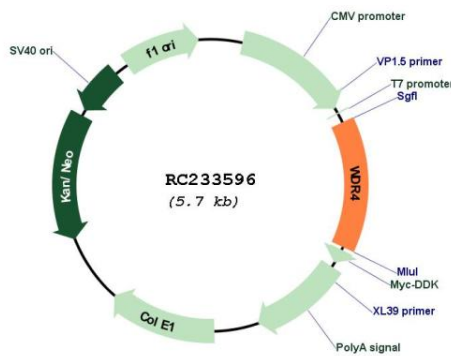
UniProt ID: [P57081](#)

Cytogenetics: 21q22.3

MW: 30.4 kDa

Gene Summary: This gene encodes a member of the WD repeat protein family. WD repeats are minimally conserved regions of approximately 40 amino acids typically bracketed by gly-his and trp-asp (GH-WD), which may facilitate formation of heterotrimeric or multiprotein complexes. Members of this family are involved in a variety of cellular processes, including cell cycle progression, signal transduction, apoptosis, and gene regulation. This gene is excluded as a candidate for a form of nonsyndromic deafness (DFNB10), but is still a candidate for other disorders mapped to 21q22.3 as well as for the development of Down syndrome phenotypes. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, May 2012]

Product images:



Circular map for RC233596