

Product datasheet for **RG222779**

WDR21B (DCAF4L1) (NM_001029955) Human Tagged ORF Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | WDR21B (DCAF4L1) (NM_001029955) Human Tagged ORF Clone |
| Tag: | TurboGFP |
| Symbol: | DCAF4L1 |
| Synonyms: | WDR21B |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-AC-GFP (PS100010) |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| ORF Nucleotide Sequence: | >RG222779 representing NM_001029955 Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGGCTGAAAGGCTGCGACTCCTCGAGGAAGAGGCCAAGCTGAAAAAGGTAGCCAGAATGGGATTTA
ATGCATCTTCCATGCTCCGAAAAAGCCAGCTAGGTTTCTCAACGTCACCAGTTACTCCCGTTTAGCCAA
CGAGCTGCGTGTGAGCTGCATGGAGCGGAAAAAGGTCAAATTCGGAGCTTGGATCCCTCCTCTTTGGCG
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TCGAAGGCTCCAAGTACGGCATCATCAGTCTGCGAACTCTGAAGATCCCTTCGTTCCACGTGTACGTGCT
CAGAAACCTCTACGTCCCAACCGGAAGGTGAAGTCCCTGTGCTGGGCCTCGCTGAACCGAGTTGGACTCT
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TCTTAAGTGTTACACAAGAGTTAACACGCTGGCATGCTCTGCAGTTTCCAGATCCCAGAGGCCTGGTC
CTGTGCGTGGTCCCTCAACACCTGGGCATATCACTGCTTAGTGCAAGGCTGTCTCAGCAGGTCCTGTTG
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GTACGGCTCCTTTGCTGTTAATGGCTGTCGCTCCGGGGAGATCTTGGCATTGATCTGCGTTGTAGAAA
TCGAGGCAAGGGTGGAGGGCCACTCGCTGTTCCATGACTCAGCAGTGACCTCTGTGCAATCCCTCAA
GAAGCAATGCCTGATGGCATCAGACATGACTGGAAAGATCAAGCTGTGGGATCGAGGGCCACTAAAT
GTGTAAGGCAGTACGAAGGTACAGTGAATGAGTCCGCTATCTGCCCTGCATGTGCACGAGGAAGAGGG
AATCGTGGTGGCAGTGGGCCAGGACTGCTACACGAGAATCTGGAGCCTCCATGATGCCACCTGCTCAGA
ACCATCCCTTCCCGTACTCTGCCTCCGAGGACGACATCCAGCGTGGCCTTCGCTTCTCGGCTCGGGG
GCATCCGGGGAGCAGCACCGGGCTGCTCATGGCTGTCCGGCAGGACCTTTATTGTTCCCTTCAGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG222779 representing NM_001029955
 Red=Cloning site Green=Tags(s)

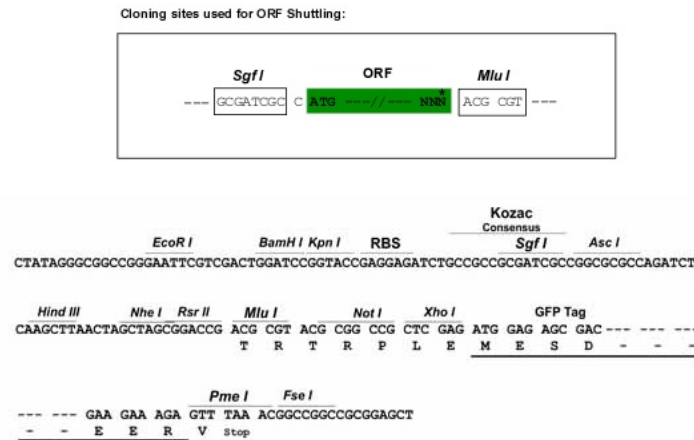
MEAERLRLLEEEAKLKKVARMGFNASSMLRKSQGLFNVTSYSRLANELRVSCMERKKVQIRSLDPSSLA
 SDRFNFILASTNSDQLFVNQVEVEGSKYGIISLRTLKIPSFHVYVLRNLYVYVNRKVKSLCWAASLNQLDS
 HVLLCFEGITDAPSCAVLLPASRFLSVHTRVNQPGMLCSFQIPEAWSAWSLNTWAYHCF SAGLSQQVLL
 TSVATGHQSFDTSSDVLAAQQFASTAPLLFNGCRSGEIFAIDLRCRNRGKGWRATRLFHDSAVTSVQILQ
 EEQCLMASDMTGKIKLWDLRATKCVRQYEGHVNESAYLPLHVHEEEGIVVAVGQDCYTRIWSLHDAHLR
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TRTRPLE - GFP Tag - V

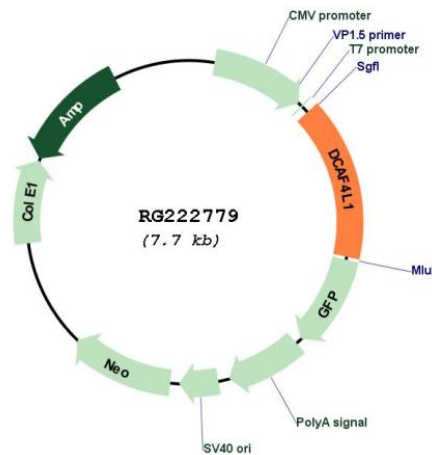
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM_001029955

| | |
|-------------------------------|---|
| ORF Size: | 1188 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: | NM_001029955.2 |
| RefSeq Size: | 4731 bp |
| RefSeq ORF: | 1191 bp |
| Locus ID: | 285429 |
| UniProt ID: | Q3SXM0 |
| Cytogenetics: | 4p13 |