

## Product datasheet for **RG237988**

### CWF19L1 (NM\_001303405) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CWF19L1 (NM_001303405) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CWF19L1
Synonyms:	C19L1; hDrn1; SCAR17
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG237988 representing NM_001303405. Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTGTGAAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGATGCTGTGTACAACCTCCAGTTTAAAGGTGTTGATATCTTGCTCACATCCCATGGCCAAAGTGT
GTGGGAACTTTGGGAATCTTCTGGAGAAGTGGATACCAAAAAATGTGGTTCTGCTTTGGTTTCCAGT
CTTGCCACGGCTTGAACCAAGATACCATTTTGTGCTTTGGAAAAGACCTATTATGAGAGGCTTCCA
TATCGAAACCATATCATTCTACAGGAAAATGCACAGCATGCCACCCGGTTTATAGCTCTGGCAAATGTT
GGAAATCCAGAAAAGAAAAGTATCTTTACGCGTTCAGTATTGTTCCCATGAAGCTAATGGATGCAGCA
GAACTGGTAAAACAGCCTCCGGATGTCCTGAAAACCTTACAGAAAATCTGGGCAGGAAGCATCCATA
GGAAAGCAAATCTTGCCCTGTGGAAGAATCAGCCTGTGAGTTTTCTTTGATTTAAATGAAAAGCAG
GGAAGGAAGCGTTTATCCACAGGTAGAGATAGCAAATCTTCTCCTCATCAAAGCAGCCTCGAAACCT
CCTCAGCCTCCAGGACCTGCTGGTTTTGCCTTGTAGCCCTGAAGTGGAAAAACATTTGGTGGTCAAC
ATCGGCACACATTGCTACCTTGCCTGGCCAAAGGAGGCTTATCTGATGACCATGCTCCTCATCTGCCT
ATTGGACACTACCAGTCAGTGGTGGAGCTTTCAGCAGAGGTGGTGAAGAGGTGGAGAAGTAAAGGCC
ACTCTGAGACGGTTCTTTAAGAGTCGAGGGAAATGGTGTGTTGTATTTGAGAGAAATTAAGAGCCAT
CACCTCCAGCTACAGGTCATTCTGTCCAATCAGCTGCTCTACTACTGATGACATTAAGATGCCTTC
ATTACCCAGGCACAGGACAGCAGATAGAGCTGTTGAAAATCCAGAGCACTCTGACATCAAGCAGATT
GCACAGCCAGGACAGCATATTTTTATGTTGAACTTGACACAGGAGAAAAGCTTTTCCACAGAATTA
AAGAATTTTCTTTGCAAGTTTGAAGGGAGGTCCTGGCCAGTGAAGCCATCCTTAATGTTCTGATAAG
TCTGACTGGAGGCAAGTGTGATCAGCAAGGAAGACGAGGAGACCCTGGCTCGCCGCTTCCGGAAAG
TTTGAGCCCTATGACTTTACTCTGGATGAC
AGCGGACCGACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```



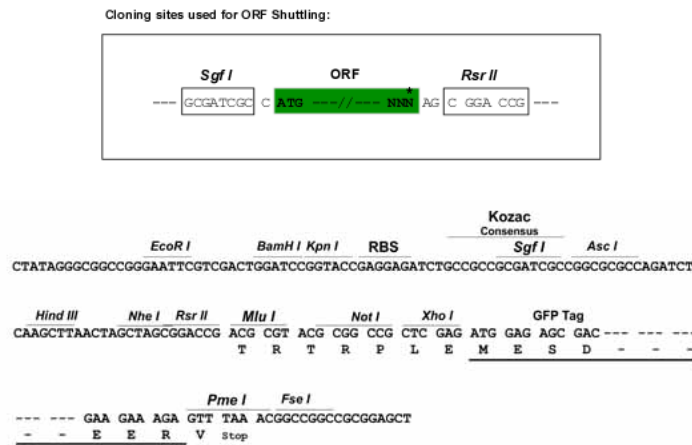
[View online »](#)

**Protein Sequence:** >Peptide sequence encoded by RG237988  
 Blue=ORF Red=Cloning site Green=Tag(s)

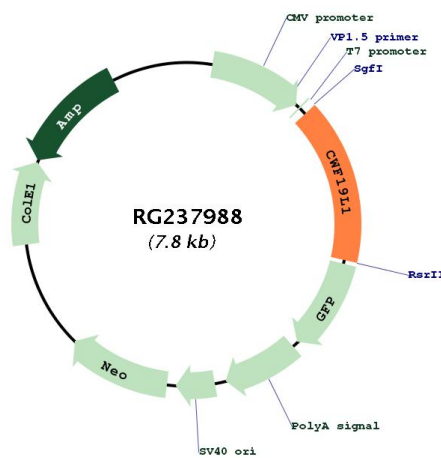
MMLCTTSQFKGVDILLTSPWPKCVGNFGNSSGEVDTKKCGSALVSSLATGLKPRYHFAALEKTYERLP  
 YRNHIILQENAQHATRFIALANVGNPEKKKYL YAFSIVPMKLM DAAELVKQPPDV TENPYRKSQGEASI  
 GKQILAPVEESACQFFDLNEKQGRKRSTGRDSKSSPHKQPRKPPQPPGPCWFCLASPEVEKHLVFN  
 IGTHCYLALAKGGLSDDHVLILPIGHYQSVVELSAEVVEVEKYKATLRRFFKSRGKWCVVFERNYKSH  
 HLQLQVIPVPI SCSTTDDIKDAFITQAQEQQIELLEIPEHSDIKQIAQPGAAYFYVELDTGEKLFHRIK  
 KNFPLQFGREVLASEAILNVPDKSDWRQCQISKEDEETLARRFRKDFEPYDFTLDD  
 SGPTRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMKSTKGALTFSPYLL  
 SHVMGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGF  
 PEDSVIFTDKIIRS NATVEHLHPMGDNDLDGSFTRTFLRDGGYSSVVD SHMHFKSAIHPSILQNGGP  
 MFAFRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

**Restriction Sites:** SgfI-RsrII

**Cloning Scheme:**



**Plasmid Map:**



<b>ACCN:</b>	NM_001303405
<b>ORF Size:</b>	1203 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>RefSeq:</b>	<a href="#">NM_001303405.2</a>
<b>RefSeq Size:</b>	2698 bp
<b>RefSeq ORF:</b>	1206 bp
<b>Locus ID:</b>	55280
<b>UniProt ID:</b>	<a href="#">Q69YN2</a>
<b>Cytogenetics:</b>	10q24.31
<b>MW:</b>	46 kDa
<b>Gene Summary:</b>	This gene encodes a member of the CWF19 protein family. Mutations in this gene have been associated with autosomal recessive spinocerebellar ataxia-17 and mild cognitive disability. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2014]