

Product datasheet for **RC237246**

CWF19L1 (NM_001303407) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CWF19L1 (NM_001303407) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	CWF19L1
Synonyms:	C19L1; hDrn1; SCAR17
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RC237246 representing NM_001303407 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**C

ATGAAGCTAATGGATGCAGCAGAAGCTGGTAAACAGCCTCCGGATGTCCTGAAAACCCCTACAGAAAAT
CTGGGCAGGAAGCATCCATAGGAAAGCAAATTCCTGCCCCTGTGGAAGAATCAGCCTGTCAGTTTTCTT
TGATTTAAATGAAAAGCAGGGAAGGAGCGTTCATCCACAGGTAGAGATAGCAAATCTTCTCCTCATCCA
AAGCAGCCTCGCAAACCTCCTCAGCCTCCAGGACCCTGCTGGTTTTGCCTTGCTAGCCCTGAAGTGAAAA
AACATTTGGTGGTCAACATCGGCACACATTGCTACCTTGCCCTGGCCAAAGGAGGCTTATCTGATGACCA
TGTCCTCATCCTGCTATTGGACACTACCAGTCAGTGGTGGAGCTTTCAGCAGAGGTGGTAGAAGAGGTG
GAGAAGTATAAGGCCACTCTGAGACGGTTCTTTAAGAGTCGAGGGAAATGGTGTGTTGTATTTGAGAGAA
ATTATAAGAGCCATCACCTCCAGCTACAGGTCAATTCCTGTCCCAATCAGCTGCTCTACTACTGATGACAT
TAAAGATGCCTTCATTACCCAGGCACAGGAGCAGCAGATAGAGCTGTTGGAAATCCCAGAGCACTCTGAC
ATCAAGCAGATTGCACAGCCAGGAGCAGCATATTTTTATGTTGAACTTGACACAGGAGAAAAGCTTTTCC
ACAGAATTAAGAATTTTCTTTGCAGTTTGAAGGGAGGTCTGGCCAGTGAAGCCATCCTTAATGT
TCCTGATAAGTCTGACTGGAGGCAGTGTGATCAGCAAGGAAGACGAGGAGACCCTGGCTCGCCGCTTC
CGGAAAGACTTTGAGCCCTATGACTTTACTCTGGATGAC

AG**GCGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA



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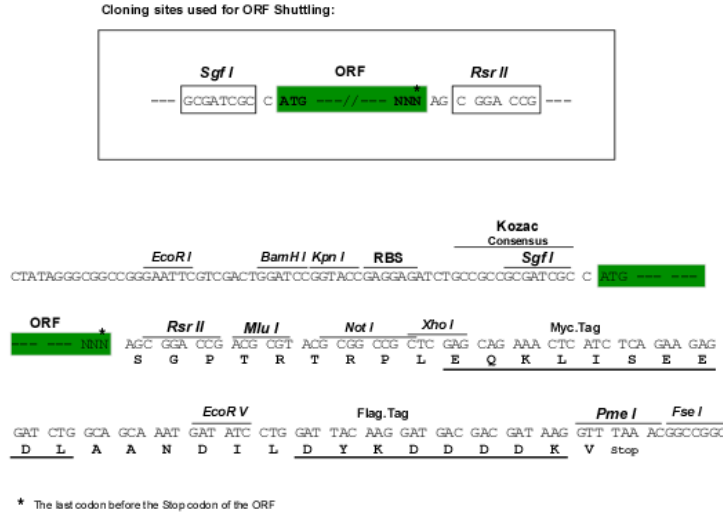
Protein Sequence: >RC237246 representing NM_001303407
 Red=Cloning site Green=Tags(s)

MKLMDAELVKQPPDV TENPYRKSGQEASIGKQILAPVEESACQFFDLNEKQGRKRSSTGRDSKSSPH
 KQPRKPPQPPGPCWFCLASPEVEKHLV VNI GTHCYLALAKGGLSDDHVLILPIGHYQSVVELSAE VVEEV
 EK YKATLRRFFKSRGKWC VVFERNYKSHHLQLQVIPVISCSTDDIKDAFITQAQEQQIELLEIPEHSD
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 R KDFEPYDFTLDD

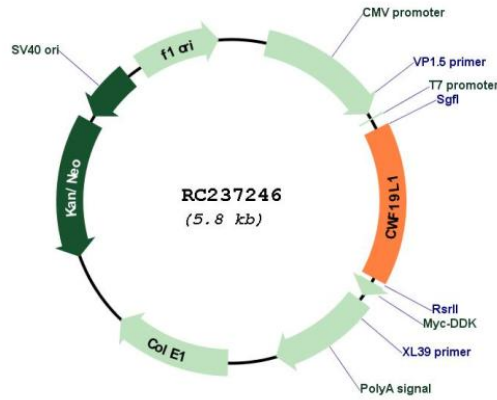
SGP TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-RsrII

Cloning Scheme:



Plasmid Map:



ACCN: NM_001303407

ORF Size: 879 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_001303407.2
RefSeq Size:	2422 bp
RefSeq ORF:	882 bp
Locus ID:	55280
Cytogenetics:	10q24.31
MW:	33.9 kDa
Gene Summary:	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]