

Product datasheet for **SC335883**

CWF19L1 (NM_001303406) Human Untagged Clone

Product data:

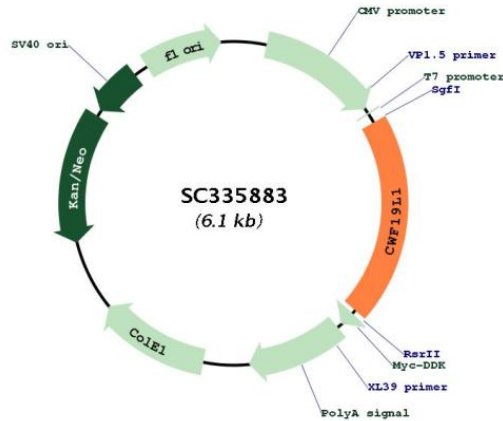
Product Type:	Expression Plasmids
Product Name:	CWF19L1 (NM_001303406) Human Untagged Clone
Tag:	Tag Free
Symbol:	CWF19L1
Synonyms:	C19L1; hDrn1; SCAR17
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC335883 representing NM_001303406. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTGAAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGATGCTGTGTACAACCTCCCAGTTTAAAGGTGTTGATATCTTGCTCACATCCCATGGCCCAAGTGT
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GGAAAGCAAATCTTGCCCTGTGGAAGAATCAGCCTGTGAGTTTTTCTTGATTTAAATGAAAAGCAG
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AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGAT
ATCCTGGATTACAAGGATGACGACGATAAGGTTTAA
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Restriction Sites: SgfI-RsrII



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Plasmid Map:


ACCN: NM_001303406

Insert Size: 1206 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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:

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_001303406.1](#)

RefSeq Size: 2387 bp

RefSeq ORF: 1206 bp

Locus ID: 55280

UniProt ID: [Q69YN2](#)

Cytogenetics: 10q24.31

MW: 45.5 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]
Transcript Variant: This variant (4) differs in its 5' UTR, lacks part of the 5' coding region, and uses a downstream in-frame start codon, compared to variant 1. The encoded isoform (3) has a shorter N-terminus, compared to isoform 1. Both variants 3 and 4 encode the same isoform.