

Product datasheet for **SC113601**

CWF19L1 (NM_018294) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	CWF19L1
Synonyms:	C19L1; hDrn1; SCAR17
Mammalian Cell	None
Selection:	
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



Fully Sequenced ORF:	>OriGene ORF within SC113601 sequence for NM_018294 edited (data generated by NextGen Sequencing) ATGGCACAGAAACCGCTGCGCCTCTTGGCTTGTGGAGATGTTGAAGGAAAGTTTGATATT TTATTTCAATAGAGTTCAAGCAATTCAGAAGAAAAGTGAAACTTTTGATCTGCTGTTGTG GTAGGAAATTTCTTTGGCTCCACCCAAGATGCTGAATGGGAGGAGTATAAGACTGGCATC AAGAAAGCTCCTATTCAGACATATGTGCTTGGTGCTAATAACCAGGAAACAGTAAATAT TTCCAGGATGCTGATGGATGTGAATTAGCTGAAAACATTACTTATCTGGGTCGTAAGGT ATCTTCACTGGAAGCTCGGGCTGCAGATTGTGTACCTCAGTGGGACAGAATCCTTAAAT GAGCCAGTACCAGGTTATAGTTTTAGTCCCAAGGATGTGTCTTCTCTGAGAATGATGCTG TGTACAACCTCCAGTTTAAGGGTGTGATATCTTGCTCACATCCCCATGGCCCAAGTGT GTGGGGAACCTTTGGGAATCTTCTGGAGAAGTGATACCAAAAAATGTGGTTCTGCTTTG GTTTCCAGTCTTGCCACGGGCTTGAAACCAAGATACCATTTTGTGCTTTGGAAAAAGACC TATTATGAGAGGCTTCCATATCGAAACCATATCATTCTACAGGAAAATGCACAGCATGCC ACCCGGTTTATAGCTCTGGCAATGTTGGAATCCAGAAAAGAAAAGTATCTTACGCG TTCAGTATTGTTCCCATGAAGCTAATGGATGCAGCAGAACTGGTAAACAGCCTCCGGAT GTCACGTGAAAACCTTACAGAAAATCTGGGCAGGAAGCATCCATAGGAAAAGCAAATCTT GCCCCGTGTGGAAGAATCAGCCTGTCAAGTTTTCTTTGATTTAAATGAAAAGCAGGGAAGG AAGCGTTTCATCCACAGGTAGAGATAGCAATCTTCTCCTCATCCAAAGCAGCCTCGCAA CCTCCTCAGCCTCCAGGACCTGCTGGTTTTGCCTTGCTAGCCCTGAAGTGAAAAACAT TTGGTGGTCAACATCGGCACACATTGCTACCTTGCCCTGGCCAAAGGAGGCTTATCTGAT GACCATGTCTCATCCTGCCTATTGGACACTACCAGTCAGTGGTGGAGCTTTCAGCAGAG GTGGTAGAAGAGGTGGAGAAGTATAAGGCCACTCTGAGACGGTTCTTTAAGAGTCGAGGG AAATGGTGTGTTGATTTGAGAGAAATTATAAGAGCCATCACCTCCAGCTACAGGTCATT CCTGTCCCAATCAGCTGCTCTACTACTGATGACATTAAGATGCCTTCATTACCCAGGCA CAGGAGCAGCAGATAGAGCTGTTGGAATCCCAGAGCACTCTGACATCAAGCAGATTGCA CAGCCAGGAGCAGCATATTTTTATGTTGAACCTTGACACAGGAGAAAAGCTTTTCCACAGA ATTAAGAAAGATTTTCTTTGCAGTTTGAAGGGAGGTCTGGCCAGTGAAGCCATCCTT AATGTTCTGATAAGTCTGACTGGAGGCAGTGTGAGATCAGCAAGGAAGACGAGGAGACC CTGGCTCGCCGCTTCCGAAAGACTTTGAGCCCTATGACTTTACTCTGGATGACTAA Clone variation with respect to NM_018294.4
5' Read Nucleotide Sequence:	>OriGene 5' read for NM_018294 unedited GATTTTGTAATACGACTCACTATAGGGCGGCCGCGAAATTCGCACGAGGGGCAGTCGCAA CCCATACTATTCGGACAGATGGCACAGAAACCGCTGCGCCTCTTGGCTTGTGGAGATGTT GAAGGAAAGTTTACGTATTTTATTCAATAGAGTTCAAGCAATTCAGAAGAAAAGTGGA CTTTGATCTGCTGTTGTGTAGGAAATTTCTTTGGCTCCACCCAAGATGCTGAATGGGA GGAGTATAAGACTGGCATCAAGAAAGCTCCTATTCAGACATATGTGCTTGGTGCTAATAA CCAGGAAACAGTAAATATTTCCAGGATGCTGATGGATGTGAATTAGTGAAAACATTAC TTATCTGGGTCGTAAAGGTATCTTCACTGGAAGCTCGGGCTGCAGATTGTGTACCTCAG TGGGACAGAAATCCTTAAATGAGCCAGTACCAGGTTATAGTTTTAGTCCCAAGGATGTGTC TTCTCTGAGAATGATGCTGTGTACAACCTCCAGTTTAAGGGTGTGATATCTTGCTCAC ATCCCCATGGCCCAAGTGTGTGGGAACTTTGGGAATCTTCTGGAGAAGTGGATACCAA AAAATGTGGTTCTGCTTTGGTTTCCAGTCTTGCCACGGGCTTGAAACCAAGATACCANTT TTGCTGCTTTGAAAAGACCTATTATGAGAGGCTTCCATATCGAAACCATATCATTCTAC AGGAAAATGCACAGCATGCCACCCGTTTATAGCTCTGGGGCAATGTTGAAAATCCAGAA NAGAAANAAGTATCTTTACGCGTTTCAGTATTTGTTCCATGAAGCTAATGGATGCAGCAGAA CTGGTAAAAACAGCTTCCGGATGTCACTGAAAACCCTTACAGAAATCTGGGA
Restriction Sites:	NotI-NotI
ACCN:	NM_018294
Insert Size:	2450 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_018294.3</u> , <u>NP_060764.2</u>
RefSeq Size:	1973 bp
RefSeq ORF:	1617 bp
Locus ID:	55280
UniProt ID:	<u>Q69YN2</u>
Cytogenetics:	10q24.31
Domains:	CwfJ_N_2, CwfJ_N_1
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 (1) encodes the longest isoform (1).