

Product datasheet for **SC321296**

CWC25 (NM_017748) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CWC25 (NM_017748) Human Untagged Clone
Tag:	Tag Free
Symbol:	CWC25
Synonyms:	CCDC49
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_017748.3
 CCGGAAGTGACCTCTAGAGCGGTGGTGAAGTGGCAGTTGACGGCTCCTGGGACTAGATC
 CCGCGAGGTAGCCCCGAAGTATTTCTCTACGTTTTCTTTGATCCTCCCGAAATCTTCC
 AGATCCGCGTAGTGAGGAATCGTCTCCACCGTCATGGGGGCGGAGACCTGAATCTGAAG
 AAGAGCTGGCACCCGACAGCCCTCAGGAATGTGGAGAAAGTGTGAAGGCCGAGCAGAAG
 CATGAGGCTGAGCGGAAGAAGATTGAGGAGCTTCAGCGGGAGCTGCGAGAAGAGAGAGCC
 CGGGAAGAGATGCAGCGCTATGCGGAGGATGTTGGGGCCGTCAAGAAAAAGAAGAAAAAG
 TTGGACTGGATGTACCAGGGTCTGGTGGGATGGTGAACCGTGACGAGTACCTGCTGGGG
 CGCCCCATTGACAAATATGTTTTGAGAAGATGGAGGAGAAGGAGGCAGGCTGCTCTTCT
 GAAACAGGACTTCTCCAGGCTCTATCTTTGCCCCATCAGGTGCCAATTCCTTCTTGAC
 ATGGCCAGCAAGATCCGGGAGGACCCACTCTTCATCATCAGGAAGAAGGAGGAGGAGAAA
 AAACGAGAGGTATTAAATATCCAGTGAAGTGAAGAAAAATCAAAGAATTGTTGCAATG
 AGTCTGGAAGAAAAAGGAGAAGAAGAAAAAGAGGAGAAGAAAAAGACACAAGAAACAT
 AAGCACAGAAGCTCGAGTAGTGATCGTTCCAGCAGCGAGGATGAGCACAGTGCAGGGAGA
 TCACAGAAGAAGATGGCAAATTCCTCCCTGTTTTGTCCAAAGTCCCTGGATATGGCTTA
 CAGGTCCGGAACCTGACCGTAACCGGTCCTCAGGGTCTCTGACAGCAGAGCAAAAG
 AGAGGGCATGGGATGAAGAACCATTCCAGATCCAGAAGCTCCTCCCACTACCCCCAAGA
 CATGCCAGCAAGAAGAGCACCAGGAAGCAGGGTCCCGGACAGGAGGTCTCGATCCCTG
 GGCAGAAGGTACGGTCCCAAGACCCAGCAAACTGCACAACCTAAGGTGAACAGGAGA
 GAGACAGGCCAACTAGGAGCCCATCACCTAAAAAGAGGTCTACCAAGGCGACATGCT
 CCCGGATACACGAGAAACTCTCTGCAGAGGAATTAGAGCGAAACGGCAAGAGATGATG
 GAAAACGCCAAATGGAGGGAGGAGGAGAGACTGAACATCCTCAAGAGGCATGCTAAGGAT
 GAGGAACGGGAGCAGAGGCTAGAGAAGCTGGACTCCCGGGATGGGAAGTTCATCCACCGC
 ATGAAGCTGGAGAGTGCACTCTACTTCTCCCTGGAGGATCGGGTGAAGCGGAATATCTAC
 TCTTTACAGAGAACTTCGGTAGCTCTGGAGAAGAACTTTATGAAAAGATGAAACTGTCC
 CCTCTCTATTGGTTTTCTGCATTTTCCAGGGAAGCTGCTGACCCCTTAATTCTCTTTA
 TAAGAGTTCAAATGACTTCTTTACAGATGTCAAACCACAGTGTCAAAGTGACCCTGC
 TTCATTGAGTCTGAAACAGCTCACTTCCTTTGAGAGCTAGTGTGACTTGCTTTGTGGGA
 CACTCAGTAACTTGGGTTTTGACTCTTTAACGGGTGGGCACTGGACCATCTCGGTGGGA
 GTGCTTGTGCCACTCTGGAAGGCTGTTCCCTGGGGTTGTGATGTTTATCATGCCACTTCC
 TTCTTACCTGTGCCAACAGACCTATTTCACTGCCTCAGCGTACACCAGACCTTCAGAAA
 CCTCTCTGGTGTACCCAGATAGATTGTGCTTACTGAGACAAATGAACGTTTACTTGATT
 TAGAAGATAATGTGACAGAATGATGTGAGGTTAGGTCAAAGCCAAGGGAGTGACAGAATC
 TGGAAATCAAACAATACAAAAAGCCCTAAATGAACTGTTAACTATTTGATCTTTGGATG
 TAAATTTGTAATGCGTATATGTACAAATGTACAATTTTACATGCTTTTAAAAAGGTTA
 GCTTTGTGAAAATACCTTGTGTTGGTCAATGACTTTACTGGGTAATAGAACCACATTGAAC
 CTTGATGGCAAGTAATACAATAAGGCAGGCCAGCTCGTTTTCTCTGAATCTGGCTGG
 TTTAGGAGGAGCCTGGGTTTATCGACGAGATCTGGAGTATCTATTCTTTTCCACTGCTTG
 CAGTCTCCAATGTAGGCAGTGTAAGGTATAGTAAAATGATTTTAGGAGTCAGAACCAAA
 TTGCCAATATGCTCCATGGCTCCTAAAGGAAAAATAAATGGAAGTTTTTAAAAA
 AAAAAA

Restriction Sites: Please inquire

ACCN: NM_017748

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).

OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<u>NM_017748.3</u> , <u>NP_060218.1</u>
RefSeq Size:	2347 bp
RefSeq ORF:	1278 bp
Locus ID:	54883
UniProt ID:	<u>Q9NXE8</u>
Cytogenetics:	17q12
Gene Summary:	This gene encodes a factor that is part of the multi-protein C complex involved in pre-mRNA splicing. Alternatively spliced transcripts have been described for this gene. [provided by RefSeq, Nov 2012] Transcript Variant: This variant (1) represents the shorter transcript and encodes the supported protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.