

Product datasheet for **SC319126**

CCDC115 (NM_032357) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCDC115 (NM_032357) Human Untagged Clone
Tag:	Tag Free
Symbol:	CCDC115
Synonyms:	ccp1; CDG20
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_032357.2

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CCAGATCTGGAGGTGTGCCATGGCGGCGCTTGACCTGCGAGCGGAGCTGGATTCTGCTGG
TCCTGCAGCTGCTTGGGGACCTGGAGGAGCTGGAGGGGAAACGAACGGTGTGAACGCCC
GGGTGGAGGAGGGCTGGCTCTCGCTCGCCAAGGCTCGCTACGCGATGGGCGCCAAGTCGG
TAGGGGCCCTGCAGTATGCTTCCACATGGAGCCCCAGGTCTGCCTCCACGCCAGCGAGG
CCCAGGAGGGACTCCAGAAGTTCAAGGTGGTGAGAGCTGGTGTCCACGCCCCAGAGGAGG
TGGGGCCTCGGAAGCAGGTCTGCGGAGGCGCAAGGGCCCCACTAAGACCCAGAACCGG
AGTCTCTGAGGCCCCCTCAGGACCCCTGAAGTGGTTTGAATCCTAGTTCCTCAGATC
TACGTCAAGCTCAAGCAAGCTTCCGGGATGGCCTGCAGCTGGCCGACAGATAGCCAGCC
TCCAGAACCGATTGACTGGGGTCGAAGCCAGCTCCGGGGACTCCAAGAGAACTCAAGC
AGCTGGAGCCTGGGGCTGCTGACATGCGCGCAAAGAGGCAGGGCAGCGAGCACAGCTGT
TCTCCGACATGGCTACGTGATCTCAGGCCCTTCTTCCTTCACAATTAGCTCTTGCCCTAC
CCCACGCCAGCTAATGCCCTTCTGTGTCCCTGCTCTGCATGTTTCCATTTTCTTAGGT
GTGAAGTTTGAAGAGGCAAAACAGTAATTTTGAAGCCACTACTTTGAAACCATTTAAGG
CCTGAGTTCCCATAGGACACACTCACATAGGCAGGTACACGTTAGTCAACAATTGGAAC
GCCTCTTGGATCACTCAGCTGTGCTTTCATGGCTGGATGATGGAACACTGTGCGAAGAGA
GATGGGGGCCAGGAAGTAGCGCTTCATGCTTAGTACATCCTCAAATTGTCTTTGCTGGA
GGAGAAAACCGTACTCAGCCAAAAGATCAGGACAATATGACTTGAGTCCACAAGGACACA
AACACCTGAGTAGCTGGGCAGCCCTTGGCAGGGTCTAAGCCAGGAAGTAAAAATGATCTG
GCCTAGATATTTAAGGGAAGCTTAGGAAGAGGCTAGGTTTTTAAATCCTGTCTTTTG
TCTTACCATAAGAGGCTGAGCCTCTCTTCAATTTTTTTGAAGGGCACTTGTGTTTTCTGT
TCTGGGAAGTTCATTTCTTCTACTGGGTTGTTGATCTTTGCAGTAATTTCTAGGAGC
TGTTTTATGTTGGAGGTAATTTGTCCTTTGTCCATATATGAGATGTAAGTCTTATTTT
CCAGTTTATCTTTTGTCTATTTTTTTTGAAGTCTTTTATTGTAATAAAACATCAAAGT
CACAGAACAGTTGAATAGCTTAATGAATAACTACAGTAAAGCTATGGTAACCACTACCC
AAAAAAAAAAAAAAAAAAAA

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Restriction Sites:	Please inquire
ACCN:	NM_032357
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_032357.2</u> , <u>NP_115733.2</u>
RefSeq Size:	1644 bp
RefSeq ORF:	543 bp
Locus ID:	84317
UniProt ID:	<u>Q96NT0</u>
Cytogenetics:	2q21.1
Gene Summary:	The protein encoded by this gene has been observed to localize to the endoplasmic reticulum (ER)-Golgi intermediate compartment (ERGIC) and coat protein complex I (COPI) vesicles in some human cells. The encoded protein shares some homology with the yeast V-ATPase assembly factor Vma22p, and the orthologous protein in mouse promotes cell proliferation and suppresses cell death. Defects in this gene are a cause of congenital disorder of glycosylation, type Ilo in humans. [provided by RefSeq, Mar 2016] Transcript Variant: This variant (1) encodes the longest isoform (a). 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.