

Product datasheet for **SC324342**

CCDC157 (NM_001017437) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCDC157 (NM_001017437) Human Untagged Clone
Tag:	Tag Free
Symbol:	CCDC157
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_001017437.1
 CCGGGATCCCGGTGGCCGACGGCGACCCGGGGCAGTTCCGGGAGCCGACCAGACACGAA
 GGCTGAAGCCGCGACGCCGAAGACAGGGTCTGAAGAGCTACTCAGAGCCAACCTGCACT
 GGAGACAGGAAGCCGGGCACCTGGATGAGCCTCTGACCCAGAGCCCTGGAGCCCATAGGC
 TCGTCTGAGAAGTACACACTCAGTCACTCCAGCTCCACGGGCAGACACCTGCACAGAG
 CAGCCACGTGGCTCTGGCTGGCAGGGCTTTCTCTGCTCACCCAGGATCTGTGAGGATG
 GCGCACTGCTGGCAGCCAGGCTGCATGGAGAGCCCTGCGCGCAGACCTCACCGACCTG
 CAGGGTGCATCGTAGAGTCTTCTCCCGCGCCGGCCTGTGCGCTTCCCTCCTGGAAG
 TTCCCTGACCGCATGGCCTGTGACCTCGACATGGTGGCCCTGCTGGAGCACTATGACCAT
 GTTCCGGGTGACCCGAGTTCACGCAGCTGTCCCATGCCGTGCTGCTGGAGCTGGTCATC
 GACAGGCTCCTGCTGCTCTCAAAGCTGTATGAGCTACTTGGAGAACCTTGGCTCAGAG
 CAGATGATGCCCCCTGCACAGGCTGCGGGGCCCTGCATGTCCGTGGGGCTCACGGTGC
 CGTTCTGGGACAGCCTGCTGAGGCTGGGCAGCTCCACCAGCAGCCACTCCCCAGAAA
 GGGGCAAACAAAGGGAGACTCCACCTCAAGCCACCACCAAGGGCGAGCCAGCCAGG
 AGCCCTGAATATCTGACTACCAAGTTAATCAAGCCCTCCTCCCCAGTGCTAGGCTTGCC
 CAGACCTGCCAAGAGCCAGAGAGCATCCCTGTCAGAGCCTCCCTGCAGTTCACAGCCAG
 ACCTTCAAGAACCAGGAGTGTCCACTCCCAGACCATTGAGACGGCCCTGGTGCCTGT
 GACGCATGCGCCAGCGTCCAGGGAAGCCTGCAGAAGGTGGCAAGGTGGTCATCAGCCTG
 TGTGAGAGCCAGAACCTGCCCTCGTCTTAGGCCAGTTCAGCAACTGGTGCAGGACAGC
 ATGGGGCTCAGGCCACTGCCGGCTGCCACCGTGGGCCGCTGGGCAGCAGAGCAGAGGAAA
 GACCTGACGCGCCTCAGTAAGCATGTGGAGGCCCTCAGGGCCAGCTGGAGGAGGCTGAA
 GGGCAGAAGGATGGCCTGAGGAAGCAGGCGGCAAGCTGGAGCAGGCGCTGAAACAGGAG
 CAGGGGACAGCGGCGGACAGGCGGAGGAGGATGAGCAGTGCCTGTCTGAGTGGGAGCAC
 GACAAACAGCAGCTGCTCACAGAAACAAGTGACCTAAAGACAAAGATGGCCACCCTGGAG
 AGAGAAGTAAACAGCAGCGGGAGTCCACACAGGCTGTGGAGGCAAGGCCAGCAGCTG
 CAGGAGGAAGGTGAGCGCAGGGCGCAGCGAGAGGCAGGTGCAGCAGCTGGAGGAGCAG
 GTGCAGCAGTTGGAGGCGCAGGTGCAGCTGTTGGTGGGTGCGCTGGAGGGCGCTGGCCAG
 CAGGTCTGCTGGGCCAGCAGGAGCTGGATAAAGGAGAAGGCCGTGTCGACAGCATGGTC
 CGCCACCAGGAGTCTCTGACGGCAAGCAGCGAGCCCTGCTAAAGCAGCTGGACAGCCTG
 GACCAGGAACGTGAGGAGCTGCGGGGCAGCCTGGACGAGGCTGAGGCCACGCGGGCCCG
 GTGGAGGAGCAGCTGCAGAGCGAGCGGGAGCAGGGGCAATGCCAGCTCAGGGCCAGCAG
 GAGCTGCTGCAGAGCCTGCAGAGGGAGAAGCAAGGCCCTGGAGCAGGCGACTACGGACCTG
 CGGCTAACCATCCTGGAGCTAGAACGGGAGCTGGAGGAGCTGAAGGAGCGGGAGCGGCTG
 CTGGTGGCCTTCCAGACCTGCACAGGCCACCAGACCCAGATCCATGGAGGCAGATCC
 AGCAGCGTGGAATCCCAGATAACATGTCCACAGACTCTGGCAACGTACAGATCACATG
 GAGAGGCAAGTGCAGGCCAACGACATCCGCATCCGGGTCTACAGGAGGAGAACGGGCGG
 CTCCAATCAATGCTGTCCAAAATCCGGGAAGTGGCCAGCAGGGTGGCCTCAAGTGATC
 CCGCAGGACCGGCTCTGGTCCCCCTCAGCAAGGGAACCCAGGGAGCAACACCACAGTC
 CAGGCCAAGAGCACATCCCCAGGGCCTCTGGGCAGACAGCACCTTCTAGCAGCAGGAGC
 GGTAGGACCCTGCTGGGCCAGCCCTGCACATCCCCACCTCGGCAGCCCTGCACATCCCCA
 CCTCGGCAGCCCTGCACATCCCCACCTCGGCAGCCCTGCACATCCCCATCTCGGCAGCCC
 TGCAGCCAGCCCAGCAAGTCTTGTGAGGGTGTGACCCACTTGGACACCTGCACCCAG
 AACCCCATCAAGGTCTTGGTCAGGCTGAGAAAGAGACTGTACCTGGCCGGGACAGGCC
 AGCTCTGCACACCAGCCCAGGAGCGGCCATGTAGCCTGTGGCCAGGGCTGAGGCTGG
 ATGGGAGGTGGCTGGCAGCCACCCACTGTAATAAAGCCCGCCATTGGCCACAGCAA
 AA
 AA
 AAA

Restriction Sites: Please inquire

ACCN: NM_001017437

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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 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: [NM_001017437.1](#), [NP_001017437.1](#)

RefSeq Size: 3023 bp

RefSeq ORF: 2106 bp

Locus ID: 550631

UniProt ID: [Q569K6](#)

Cytogenetics: 22q12.2