

Product datasheet for **SC115148**

CCDC113 (NM_014157) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCDC113 (NM_014157) Human Untagged Clone
Tag:	Tag Free
Symbol:	CCDC113
Synonyms:	HSPC065
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC115148 sequence for NM_014157 edited (data generated by NextGen Sequencing)

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ATGACTGATGAGTCCGAGAGCGTCCTCTCCGACTCCCATGAAGGGTCGGAGCTGGAG
CTGCCTGTTATCCAGCTGTGCGGGCTGGTGGAGGAGCTCAGCTATGTAACTCTGCTCTC
AAAAGTGAAGTGAAGTGTGAGAAATATTACGCTAACTGGAGCCAGGGATCAGCGA
CCTCCACGATTATCAGAAATTAATATCAGCAGCAGATTATGCACAGTTTCGAGGCAGG
CGTAGATCCAAATCCCGGACAGGTATGGACCGTGGGTAGGCCTGACTGCCGACCAAAA
CTTGAGCTGGTACAAAAAGAGGTTGCGGACATGAAGGATGACTTACGACACACAAGGCA
AATGCGGAACGCGACCTGCAGCATCACGAGGCGATCATTGAGGAGGCTGAAATTCGATGG
AGTGAAGTTTCGAGAGAAGTGCATGAGTTTAAAAAGATATTCTAAAAGCCATATCCAAG
AAGAAAGGGAGTATTTTGCCACTCAGAAAGTGATGAAATACATTGAGGACATGAACCGC
CGGAGGGATAATATGAAGGAGAAATTACGTTTGAAAAATGTTTCTCTCAAAGTTCAGAGG
AAAAAATGCTTTTACAATTGAGGCAGAAGGAAGGTTGAGTGAGGCCCTTCACGATGTT
GATTTTCAGCAGTTGAAGATAGAGAACGCTCAATTTCTTGAGACAATTGAAGCAAGGAAT
CAAGAACTGACCCAGCTAAAGCTGTCTGGAACACTCTGCAGGTTCTCAATGCCTAC
AAAAGCAAGCTTCACAAGGCAATGGAAATATACCTCAATCTGGACAAGGAGATCTTGCTG
AGAAAAGAGCTACTTGAAAAAATTGAAAAAGAACTACAAGTAGAGGAGGACCGGGCC
AAAGCCGAGGCAGTGAATAAGAGGCTCCGGAAGCAGCTGGCCGAGTTCGGGCACACAG
GTGATGACTTACGTCCGGGAGAAGATCTTAAATGCGGACCTGGAGAAGAGCATCAGGATG
TGGGAAAGGAAAGTGAGATAGCAGAGATGTCCTTAAAGGCCATCGTAAGGCTTGGAAT
CGAATGAAAAAATCAATGAGCAGTTGCAGGCAGATTACCTTGCTGGGAAGTAG

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Clone variation with respect to NM_014157.3



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_014157 unedited
 NGGTTCAAATTTGTATACGACTCACTATAGGCGGCCGGAATTCGCACGAGGCGGAGCTC
 CTGGGCACACGGCATTGGCAGGGGCCGCTTCGGCAGAGTGATGACTGATGATGAGTCCGA
 GAGCGTCTCTCCGACTCCCATGAAGGGTCGGAGCTGGAGCTGCCTGTTATCCAGCTGTG
 CGGGCTGGTGGAGGAGCTCAGCTATGTAAGTCTGCTCTCAAACTGAGACTGAGATGTT
 TGAGAAATATTACGCTAACTGGAGCCCAGGGATCAGCGACCTCCACGATTATCAGAAAT
 TAAAATATCAGCAGCAGATTATGCACAGTTTCGAGGCAGGCGTAGATCCAAATCCCGGAC
 AGGTATGGACCGTGGGGTAGGCCTGACTGCCGACCAAAAACCTTGAGCTGGTACAAAAAGA
 GGTTCGGGACATGAAGGATGACTTACGACACACAAGGGCAAATGCGGAACGCGACCTGCA
 GCATCAGGAGCGATCATTGAGGAGGCTGAAATTCGATGGAGTGAAGTTTCGAGAGAAGT
 GCATGAGTTTGAAAAAGATATTCTAAAAGCCATATCCAAGAAGAAAGGGAGTATTTTGGC
 CACTCAGAAAGTGATGAAATACATTGAGGACATGAACCGCCGGAGGGATAATATGAAGGA
 GAAATTACGTTTGAAAAATGTTTCTCTCAAAGTTCAGAGGAAAAAATGCTTTTACAATT
 GAGGCANAAGGAAGAGGTGAGTGAGGCCCTTCACGATGTTGATTNTCAGCAGTTGAAGAT
 AGAGAACGCTCAATNTCTTGAGACAATTGAAGCANGGAATCAAGAACTGACCCAGCTAAA
 GCTGTCTATCTGGAACACTCTGCAGGTTCTCAATGCCCTACAAAGCAGCTTCACAAGGCA
 ATGGA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_014157 unedited
 CTATGGCCCGGCGGCCGAATCTAGGATCGAGTTTTTTTTTTTTTTTTTCTGAACTGGG
 CCATGTTGGATCATACTTGCAGGGACAAAGAAGACCATCACGCATTACGACTAGGAAAC
 AGCTCTAGAGATAGTCTAGATGTTAGGGAGAAGGATGTAAAGGAATCAGGCAGGTCTCT
 GAGGCGTCTGTACAACCCTTATACTATGACTATTACGGTGGGAGGTGGGGGAAGGTAGG
 ATTTTTGCAGGTGAGAACAGGTTGTATCAGCCGAAGAAATCATCTTGGTTTCCTTCGTG
 CTGTTTTCTTTTGCAGCAGTATCTAGTCCAGGAGCTACCCACCAAACCTGAAGAGTAA
 CTGAGAATGCTGAGTGCCAGGCATTACCATGCTGTTTTGATGCTGTTTTGATAGTTG
 CACACTGGGGCTGCCACGGATAAGCCCATGGCATACTAGGCTGGCTCTCCCTCCTCTA
 TCCCTCTCCAGGTGTGGGAAGGTCACTTTCACTATGCTTGTGAACTAAATGCTGGCTAA
 CAAGTGTCAAACCATAGAGTGCCCTGTGGTCTTTTCAGTGGTAACAGTTCAGGGGCCA
 GGCTGTGAAAACACTCCCATGGGCAGATGTGGCCAGGAGATGATACTCAGCCTGGGTG
 GNGGGTTGNGAACACAGGCAGACAGGGAACAGTGAGAGGAGCCCGTACTAGAAAGGAG
 CTGATTACTTTTTATAGTCATGTAGTGGTCTGTAAAGCCGTGCCCTGCCTCTGGCTACTT
 CCAGCAGGTAATCTGCCTGCAACTGCTCATTGTTATTTTCATTGATTCCAGCCTTAC
 GATGGCCTTTTAAAGACATCTCTGCTATTTCCACTTCCTTCCCCACACCTGATGCTTTC
 TCCAGATCGCATTTAAGATCTTCTCCGGCCGTAGTCATACCTGTGTGCCCGCACCCGTCA
 GTGCTTCCGACCC

Restriction Sites:

NotI-NotI

ACCN:

NM_014157

Insert Size:

2050 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:	<u>NM_014157.2, NP_054876.2</u>
RefSeq Size:	5282 bp
RefSeq ORF:	1134 bp
Locus ID:	29070
UniProt ID:	<u>Q9H0I3</u>
Cytogenetics:	16q21
Protein Families:	Druggable Genome
Gene Summary:	Component of centriolar satellites contributing to primary cilium formation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).