

Product datasheet for **SC325771**

CCDC113 (NM_001142302) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCDC113 (NM_001142302) Human Untagged Clone
Tag:	Tag Free
Symbol:	CCDC113
Synonyms:	HSPC065
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC325771 representing NM_001142302. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAAATTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGATCGCC
ATGACTGATGATGAGTCCGAGAGCGTCTCTCCGACTCCCATGAAGGTCGGAGCTGGAGCTGCCTGTT
ATCCAGCTGTGCGGGCTGGTGGAGGAGCTCAGCTATGTAACTCTGCTCTCAAACTGAGACTGAGATG
TTTGAGAAATATTACGCTAACTGGAGCCAGGGATCAGCGACCTCCACGATTATCAGAAATTAATA
TCAGCAGCAGATTATGCACAGGCGATCATTGAGGAGGCTGAAATTCGATGGAGTGAAGTTTCGAGAGAA
GTGCATGAGTTTAAAAAGATATTCTAAAAGCCATATCCAAGAAGAAAGGGAGTATTTGGCCACTCAG
AAAGTGATGAAATACATTGAGGACATGAACCGCCGGAGGGATAATATGAAGGAGAAATTACGTTTGAAA
AATGTTTCTCTCAAAGTTCAGAGGAAAAAATGCTTTTACAATTGAGGCAGAAAGGAGGTGAGTGAG
GCCCTTACGATGTTGATTTTCAGCAGTTGAAGATAGAGAACGCTCAATTTCTTGAGACAATTGAAGCA
AGGAATCAAGAACTGACCCAGCTAAAGCTGTCTCTGGAAACACTCTGCAGGTTCTCAATGCCTACAAA
AGCAAGCTTCACAAGGCAATGGAATATACCTCAATCTGGACAAGGAGATCTTGCTGAGAAAAGAGCTA
CTTGAAAAAATTGAAAAAGAACTACAAGTAGAGGAGGACCGGGCCAAAGCCGAGGCAGTGAATAAG
AGGCTCCGGAAGCAGCTGGCCGAGTTCGGGCACCACAGGTGATGACTTACGTCCGGGAGAAGATCTTA
AATGCGGACCTGGAGAAGAGCATCAGGATGTGGAAAGGAAAGTGAGATAGCAGAGATGTCCTTAAAA
GGCCATCGTAAGGCTTGGAATCGAATGAAAATAACCAATGAGCAGTTGCAGGCAGATTACCTTGCTGGG
AAGTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

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Restriction Sites:	SgfI-MluI
ACCN:	NM_001142302
Insert Size:	972 bp


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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:	NM_001142302.1
RefSeq Size:	5142 bp
RefSeq ORF:	972 bp
Locus ID:	29070
UniProt ID:	Q9H0I3
Cytogenetics:	16q21
Protein Families:	Druggable Genome
MW:	37.9 kDa
Gene Summary:	Component of centriolar satellites contributing to primary cilium formation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) lacks an alternate in-frame exon compared to variant 1. The resulting isoform (2) has the same N- and C-termini but is shorter compared to isoform 1.