

## Product datasheet for **SC325750**

### CCDC42B (CFAP73) (NM\_001144872) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CCDC42B (CFAP73) (NM_001144872) Human Untagged Clone
Tag:	Tag Free
Symbol:	CCDC42B
Synonyms:	CCDC42B; MIA2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC325750 representing NM_001144872. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCGGTGCCCTGGGAGGAATATTTCCGACTGGCTTTGCAAGAGAACTGTCTACAAAGCTGCCAGAG
CAGGCTGAGGATCATGTCCCACCACTACTGCGTCTCCTGGAGAAGAGGCAAGAGCTGGTAGATGCAGAC
CAGGCCCTGCAGGCCAGAAGGAGGTGTTCCGCACCAAGACGGCAGCCCTGAAACAGCGTTGGGAACAG
CTGGAACAAAAGGAGCGGGAGCTAAAGGGATCGTTCATCCGCTTTGACAAGTTTTGCAGGACTCCGAG
GCCCGGCCAATCGCGCTGCGGAGGGCGGGAGGAGAGGCACCAGGGCGCCGTCGGGAGGTGGAG
GCGCTGCGTCTGTGGACCCAGCTCCAGGAGCTACGGCGGGAACACGCGCGCTGCAGCGCCGCTTAAG
CGCTGGAGCCCTGCGCGCGCTGCTGGAGCAAGCGCTGGAGCTGCTGCCGGGTCCAAGAGGTTCCG
GAGCTGGTGGCGCGCTTCGACGGCTGGCCGAGACGCAGGCGCGCTGAGGCTCAGGGAGCGCGAGCAG
CTCGCGGAGCTGGAGGGCGCGAGCGCGCTGCAGCAGCTGCGGGACGCTGGCCGGACGAGGTGCTC
GCACAGGGCCAGCGGGCGCACAGCTGCAGGAGCGCTGGAGGCTGCCAGGGAGCGTACGCTGCAGTGG
GAATCCAAGTGGATTAGATTGAGAACACAGCAGCGGAGAAGACTCTGCTCCTGGGACGCAGCAGGATG
GCTGTGCTCAACCTGTTCCAGCTAGTGTGCCAGCATCAGGGGAGCCTCCCACCTGGACATCGAGGAC
ACGGAGGGACAGCTAGAGCACGTGAAGCTGTTTCATGCAGGACCTCTGCCATGCTGGCCGCGCTGGT
CAGGCTGAGCCTGCAGCCCTGCCTCCTAG
ACGCGTACGCGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:	SgfI-MluI
ACCN:	NM_001144872
Insert Size:	927 bp



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<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	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.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001144872.1</a>
<b>RefSeq Size:</b>	1514 bp
<b>RefSeq ORF:</b>	927 bp
<b>Locus ID:</b>	387885
<b>UniProt ID:</b>	<a href="#">A6NFT4</a>
<b>Cytogenetics:</b>	12q24.13
<b>MW:</b>	35.9 kDa
<b>Gene Summary:</b>	May play a role in ciliary/flagellar motility by regulating the assembly and the activity of axonemal inner dynein arm.[UniProtKB/Swiss-Prot Function]