

Product datasheet for **SC304855**

CCDC146 (NM_020879) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	CCDC146
Synonyms:	MBO2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF:

>SC304855 representing NM_020879.

Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGAAGACAGTAGCACAGACAGAAAAAGAGGAAGAGGAGAAAGATGAAAAGGATCAAGAGCCC
ATTTATGCCATAGTCCCAACAATTAACTTCAAGATGAGCGGTTTGTGATTTATCTGAACTCCAGCT
TTCAATTTTCTGCATGAGTTACATGCTATGGGAAAACTTCCTGGAACCAGAATGGCAGCGTTAAAGCC
AAGTATACCTTGCTGCATGACGCCGTGATGAGCACACAAGAGTCAGAGGTCCAAGTCTACAGAATGCC
AAACGTTTCACTGAGCAAAACAACAGCAGCAGTTTCACTGCAGCAAGCTGATAATTTCCAGAAGCA
TTCTCCACGGAGGTCTCCAAAATGAGAGAACAACTTCTCAAGTATCAAAATGAATATAATGCAGTGAAG
GAAAGAGAGTTCCATAATCAGTACAGATTAAATAGCTTAAAGGAAGAAAAATCATCATAGTAAAAAGAA
TTTGAGAAGATAACAAAGCCAGGAGAAATGGAGAAGAAGATGAAAATATTGAGAGAAAGCACTGAAGAA
TTACGTAAGAAATATGCAGAAGAAATTAGAAATTAATAATTTACGAGAAGATTTGGCATCTAAACAA
AAGCAATTATTAAGAGCAGAGGAAGTGAAGAATTGTTGGGACATCAGGTCTCCTAAAGGATGAA
GTGGCCCAACCATCAAAACATTCCAGTACAAATTGGAAAAGAGATAGAAAAATAACACGCAAAAAAGTA
GAAATGGAAAAGAAAAAATTGCTTGGAAACAAGAGTCAAAACGCTAAATGACTCCCTAAAGAAAGTT
GAAAACAAGGTTAGTGCTATAGTGGATGAGAAGGAAATGTAATAAGGAAGTTGAAGGCAAAACGAGCC
TTACTTGAAATCAAGAACGAGAACATAACCAATTGGTCAAGCTATTGGAATTAGCCAGAGAGAATGAA
GCAACTTCATTAACTGAAAGAGGGATCTTGGATCTCAATTTACGCAACAGTCTCATTGACAAGCAGAAC
TACCATGATGAACCTTCTCGTAAGCAAGAGAGAAAGAACGAGATTTTCGAAATTTAAGAAAGATGGAA
CTGCTCTTGAAGTGTCTGGGATGCACTTAGGCAAACTCAAGCACTGCATCAAAGGCTTCTATTAGAG
ATGGAAGCTATCCCAAGATGATTCTACATTATCTGAGAGAAGGCGAGAGCTTCACAAGGAAGTTGAA
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CTTGCAAGAAGAAAACAGCTTTTAAAGGAGCAAGAAAACATGAAAGAGCTAGTAGTCAACCTTCTCCGC
ATGACTCAAATCAAATTTGATGAAAAGGAACAAAAGTCCAAGGATTTCTGAAAGCTCAGCAAAAATAC
ACCAACATTGTTAAGAAATGAAAGCAAGGATCTTGAATCAGGATACACAAGAAGAAAAATGTGAA
ATTTATCGGAGACTGAGAGAGTTTGTCTAACTGTATGACACCATTCGAAATGAAAGAAACAAATTTGTT
AACTTACTCCACAAGCTCATCAGAAAGTAAATGAAATAAAAGAAAGGCATAAAATGTCATTAATGAA
CTTGAAATCTGAGAAATAGTGCCGTTAGTCAAGAAAGAAAGCTACAAAATTCATGCTGAAACACGCC
AACAATGTTACCATCAGAGAGAGCATGCAAAACGATGTGCGCAAAATTTGATCAAACTTCAGGAATG
AAAGAAAAGAGGAAGCCAGTTAAATAACATTGACAGACTTGCCAACACGATCACAATGATCGAAGAG
GAGATGGTGCAGCTTCGCAAAAGATACGAAAAGCTGTTGAGCATCGAAATGAAAGTGGCGTTGAGCTG
ATAGAGCGGGAAGAAGAAATATGCATTTTTATGAAAAATAAATATCCAAGAGAAGATGAACTAAAT
GGAGAAATTTGAAATACATCTACTGGAAGAAAAGATCCAATTCCTGAAATGAAGATTGCTGAGAAGCAA
AGACAAATTTGTGTGACCCAGAAATTAAGTCCAGCCAAAGAGTCCCTGGATGCCGACCTAGCTGTGCTC
CAAAATTCAGTTTTACAGTGTACAGACAGAATTAAGACCTGGAGAAACAGTTCGTAAGCCTGATGGT
GAGAATAGAGCTCGCTTCTCCAGGGAAGATCTGACCGAAAAAGAAATGATCCAAAATTAGACAAG
CTGGAATACAATGGCCAAGAAGGAGGAGAAGCTGCTGGAGAAGGATTTTATCTATGAGCAGGTCTCC
AGGCTCACAGACAGGCTCTGCAGCAAACTCAGGGCTGCAAGCAGGACACACTGCTCTTAGCCAAGAAG
ATGAATGGCTATCAAGAAGGATCAAAATGCAACTGAGAAAATGATGGCTCTGTTGCTGAGCTGTCC
ATGAAACAAGCCCTAACCATTTGAATCCAAAAGGAAGTCAGGAGAGAAGAGCTTCATCTTCACTTGC
AATTCAGGATAGAAAAAGTCTGCCACTCAATAAGGAAATGAGAAAGAAATGGTTGAAAGTCTTCCGA
GATGAAGAAATGCACGCTTGGCCATCGCTGAAAAGTCTCAGGAGTTCTTGGAAGCAGATAATCGCCAG
CTGCCCAATGGTGTTTACACAAGTGCAGAGCAGCGTCCGAATGCCTACATCCCAGAAGCAGATGCCACT
CTTCTTTGCCAAACCTTATGGTGCTTTGGCTCCTTTTAAACCCAGTGAACCTGGAGCCAATATGAGG
CACATAAGGAAACCTGTTATAAAGCCAGTTGAATCTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGCGCCGGC

Restriction Sites:

SgfI-MluI

ACCN:

NM_020879

Insert Size:

2868 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).
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_020879.2</u>
RefSeq Size:	3333 bp
RefSeq ORF:	2868 bp
Locus ID:	57639
UniProt ID:	<u>Q8IYE0</u>
Cytogenetics:	7q11.23
MW:	112.8 kDa