

## Product datasheet for **RC237630**

### CCDC138 (NM\_001303106) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CCDC138 (NM_001303106) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	CCDC138
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RC237630 representing NM_001303106 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGACAATACAGAGATTGAAAGGAAGTCCCATGCTGTTTCATGAAATGAAAAGTTTAAAACAAGAAAAAG  
CACCAGTTTCAAAAACCTACAAGGTACCACTTAATGGGCAAGTTTATGAACCTTTAACTGTCTTCATGGA  
CTGGATTTCCGGATCATCATCTTAGCAAAGTGAACATGAAGAATCTGGAATGGATGGTAAAAACCACAA  
CTCAAATTTGCTTCCAGAGAAAATGATATTCAGGAGAAGTGTGTAAGCTTTTGCCTCTAATGACAGAGC  
AGCTACAGTGGATGCCATTTGTGAATATCAAACCTCACGAGCCTTTTGTAAAATTTATATATTGGTCCCT  
AAGGCAGCTAGATGCTGGAGCACAGCACTCGACTATGACATCAACATTGAGGAGATTGGGTGAAGACATT  
TTAAAGGAGTGGTAACTAAAGGAATTCAGGATAATTCTCCACAGCATTCTGTGGAGAATAAACCAAGA  
CAGCTGCTTTCTTAAGAGCTCCAATTTGCCATTGAGATTTTTATCAACCTTAATTGTTCTCAAACAGT  
CACTCAAGCTGATTACCTGGCTCAGGCATTTGATTCTCTTTGTTGGACTGAAGACAGAAGAAGGAAAA  
ACCTTGTTTTGGAGTATCAGGCTGTTCCAGTAATTAAGTCACTAAGAATATCCAGTAAAGGACTCC  
TGCTAATGTTATTGATAGTTTGTCCAGATGACGGTGGAACTAAATCCTTGCAGCCTTCTCTGGAAGC  
CTGTAGCAACTCTTATTTTTTCTGACTTGTCTGTGCTCTCGAGCCCTAAGCTTGATCTTCAATA  
CTAGAAAACTCAGTATTATTTACAGAAACTTCCAAAATCAAGAGTAATAAGAAGCTCTTTGAACTTT  
TTACGATTCATCTGATGCTTCAAGAAAATACAAAGGACAACAAACCAGAGCATGCATTTCTCTGTATTAA  
TCTAAATCAACTCTGTTCAATCTGGGTTTAAACAAAATGTAACCTCCCTGGTCTCCAGTGCAAGCCCT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



**Protein Sequence:** >RC237630 representing NM\_001303106  
 Red=Cloning site Green=Tags(s)

MTIQRLLKGGSSHAVHEMKSLLKQEKAPVSKTYKVPPLNGQVYELLTVFMDWISDHLLSKVKHEESGMDGKKPQ  
 LKFASQRNDIQEKCVKLLPLMTEQLQWMPFVNKLEHPEFVKFIYWSLRQLDAGAQHSTMTSTLRRLGEDI  
 FKGVVTKGIQDNSPQHSVENKPKTAAFFKSSNPLRFLSTLIVLKTVTQADYLAQAFDSLCLDLKTEEGK  
 TLFLEYQAVPVILSHLRISSEKGLLSNVIDSLQMTVESKSLQPFLEACNSLFFRTCSVLLRAPKLDLQI  
 LEKLSIILQKLSIKSNKKLFELFTIHLMLQEIQRRTNPEHAFLCINLNSTLFNLGLTKCNLSVSSASP

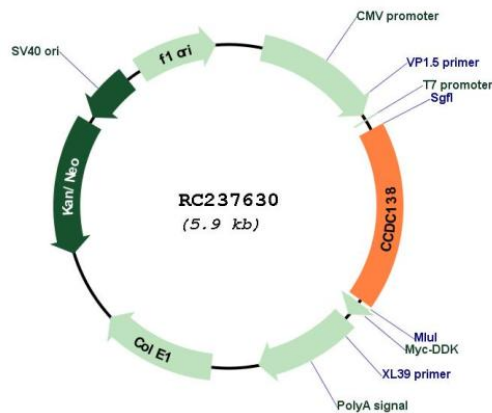
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001303106

<b>ORF Size:</b>	1047 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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_001303106.1</a> , <a href="#">NP_001290035.1</a>
<b>RefSeq Size:</b>	2415 bp
<b>RefSeq ORF:</b>	1050 bp
<b>Locus ID:</b>	165055
<b>Cytogenetics:</b>	2q13
<b>MW:</b>	40.1 kDa