

Product datasheet for **MG216500**

Ccdc183 (NM_029859) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccdc183 (NM_029859) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Ccdc183
Synonyms:	4921530D09Rik; Cccd183; Kiaa1984
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG216500 representing NM_029859
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAGGTACACAATGAAGCAGCTGTGGAGGCACAGATAACGGAGCTAAGGACCATCACTCGGCTCCAGG
 AACAAATGTCGGGCACTCCAGATCCAGGGTGTGAAGGAGAAGACAGCACAGAACAAAGCTACAATGGGAAT
 CCTGCGCAGCAACCTCCGCCGAGGAGCCCAAGACTGGGCTTTGGCTAAGAAGCATGATCAATGGACCATC
 TCCAAGGCCTGCGGAAAGGATACGTCCATGAGGCTGGCACACGGCCGAGTACTTTGGAGGTGGCTCGGG
 AGAAGCTGCGCAAGTACGTCTTTGACCGTGTGAATACACACAACATACTGATCCACCTGGTTGCGCGACG
 CGGACAGAAGTTGGAGAGCTTGCAGCTGGAGCTGGCCAGCTTACGGAACCAACCTGATGCTACTAAGGAC
 GAACTGCGGCAGCTTCAGATTATCCGCCAACTGGAGAACAACATTGAAAAGACGGTGATCAAGATCACCA
 CCAGCCAGAACATCCACACGCTGTACAAAGTGCTGCTGGATTACCTGAAGAAGGTGCTGGCAGAGTACCC
 CACAGAGCTAGACAAGCTCCAGAACCTGGTGGCCAACTACTGCTCGGAGCTGTCAGACATGACAGTCATG
 TCCAAGATGCCATGATGATTACTGATGAGGTCAAGAGGAACATGAGGCAAGGGGAGGCAACCTTCATCG
 AGGAGCGACGAGCCCGGAGAACCAGGCTGAACCAGCAGAAGAAGCTCATAGACAAGATTCACACCAAGGA
 GACCAGCGAGAAGTACCGCCGTGGCCGGAGGACTTGGATTTCCCTCCAATCTGATGACTATGGAAGAAC
 GTAAAGGTGAAGAAAAGAAAACTTCCGTAGCAGACATACAATACCAGACAAAAGTGACTACTTTGGTAG
 AGAGGGTCAAATCTGCTGTGCAGTGCTCCACCTCTGGGACATAGCTGGCCGCTTCTAGCTCAGAAAAA
 TACAGAGGAGAACCTGGAGCTACAGATGGAGGATTGCGAGGAGAGGCGGACACAGTTAGAGGCCCTGATG
 AAGAAGCTAGAACTTGAGGAGGCTGTGCTCAAGTTCACCAGACTCCAGCGCTGTTGGCTTTAACTCTA
 TCCAGAAGAAGATGAAGAACATGCTAGAAGAGGAAGAAGCAAGACTCAAGCAGGCCCAAAACAACATGAA
 TAAGGGCCAGCAGCTGCTGCTGGTCATCCAGACAGGTATTGACAACCTCTACATCCGGCTCATCGGCATC
 ACCTTGCCAACCTTCCAGAAAGAAATAGCAGTCTCTAACACTCTTGATGTGTACGCAAGCTGGATTATT
 GTGAGGGAAGCTTATCTACCTGGCTGAGCGCATGCAAACGTTGTCCAGAAATGAGGAGGTTGACACAAA
 GGTGAGGGACACCTTGGAGTCACTCAACTCTAAAAGAGAAACATAATACCAGAATTACCTTTGAGGACCCA
 GAGGAGGACATGATAGAAACCTTCCAGTTTGGGATGTGGACCATAGTTACGTCCTTCGCGGGCGGAGA
 TAAAGAAACAGGCCCAACAGCTGATCGAGGCGAAGCTCAAGGGAGCCAAAAGAAGAAAAAG

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>MG216500 representing NM_029859
 Red=Cloning site Green=Tags(s)

MKVHNEAAVEAQITELRTITRLQEQRALQIQGVKEKTAQNKATMGILRSNLRRGAQDWALAKKHDQWTI
 SKACGKDTSMRLAHGRSTLEVAREKLRYVDFRVNTHNLIHLVRRRGQKLESLQLELASLRNQPDAKTD
 ELRQLQIIRQLENNIEKTVIKITTSQNIHTLYKVLDDYLKVLAEYPTELDKLQNLVANYCSELSDMTVM
 SQDAMMITDEVKRNMRQGEATFIEERRARENRLNQKKLIDKIHTKETSEKYRRGRRDLDFPSNLMTMEN
 VKVKRKTSVADIQYQTKVTTLVERVKSAVQCSHLWDIAGRFLAQKNTENLELQMEDCEERRTQLEALM
 KKLELEEAVLKFHQTPSAVGFNISQKKMKNMEEEEARLKQAQNNMKGQQLLLVIQTGIDNLYIRLIGI
 TLPTFQKEIAVSNTLDVYGKLDYCEGLIYLAERMQTLNRNEVDTKVRDTLESSTLKEKHNTITFEDP
 EEDMIETFQFADVDHSYVPSRAEIKKQAQQLIEAKLKGAKKKKK

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

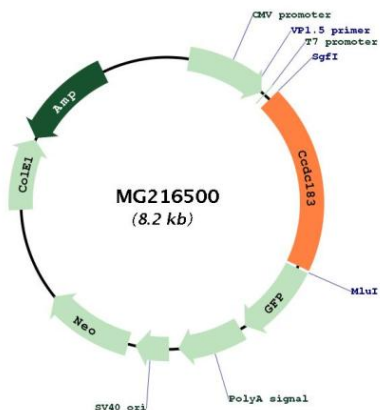


ACCN:	NM_029859
ORF Size:	1602 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_029859.1 , NP_084135.1
RefSeq Size:	1725 bp
RefSeq ORF:	1605 bp
Locus ID:	77058

UniProt ID: A2A1B1

Cytogenetics: 2 A3

Product images:



Circular map for MG216500