

Product datasheet for **MR218437**

Ccdc159 (NM_025977) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	Ccdc159
Synonyms:	2510048L02Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

ORF Nucleotide Sequence: >MR218437 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGAACGGGTGTGACTCTCTTTGGCTGGCCTATCCCGGACTCTGACGACTGTGTTTCTCATCTCTGCA
CACCTCCGTTACTCGCCATCACATCTTGGGCTGCTAAGGAGAGGAGCCAGTACTCACCACTCTGGAGA
GCCTGGGCCCTCTCAGACAAGGCTTTGGACTGTATGACCCACTGGTCCAGGGTTTGGAGCCTGAGATC
GTGAACACTGCTTCTGAACAAGCAGGAAGTCTGGGCCTGGGAGAAGGAGTGGGACTCAGAACCACAGC
CTCATGAGGGTACACCCTGTTCCAGCTCAGACGTGAACAAGGACCATTATCATGACCAGGACCTTGTGA
GAGGAACCACTGTGTAGCCAAGAAGTCCCTGGAGCCCAGCTCAGCCAAAGTAAAAGTTAAGAACACCATG
ATAATTCCTGACTCTCAGAAGCTCTTGCATGCGAAGTGGAGTCTCTCAGGAGCCAGCTGCAGGCTCAGA
GCAAGGCTTTGAGTTCCTGAATCACTCTGTGACCATGCTGGAGAAGGAGAGCTGCCTACAGCAGATCAA
GATTCAGCAGCTTGAAGAAGTCTGAGCCCCACGAGCCGCAAGGAGAGAAGTATGGCCGTAAAGTGGAGC
ACAGAGCAGGAGCTGTATGGGGCCCTGGCTCAAGGCCTGCAGGGGTTGCAGAAGACACTGAAGGAAGGCG
AGGAGCTGCAACGGGCCCTACCACTCGCTGCCTGCAGCTGTTGGCCCGGAGATCCGGGACAGCAAGAA
GTTCTGTGGGAGGAAGTGGAGCTGGTGGGGAAGAGGTGACTTTATCTATCAGAACTCCAGGACCAG
GAGGATGAGATCTCAGAGAATCTCCTGAATATCCAGAAGATGCAGAAAAGTCAAGTGAAGTCCCGAAGG
TTCTTACCAAGATGAAGCAGCAGGCATACGATTATGCCCAGAAGCCGAGGGGGTGGCCACAGAAGGCAA
CGGTTGCTGTAAAGATGACCTCCAGAAGGAGTGGGTGACATATGGTCTGCCGTTACAGTCTGCAGAGC
TCCATTGACTGTCTTGTCTTGTCAATGGGCACCAGACCAGGGCCTCCAGCCTCAGAGGCCAGAAAGGAC
ACCAAGTGAAGAGCTCTCAGTGCCCTCCTGGGACTCCGATTGAGTGGGAGAGACCTTTCAGCAAGAG
TGGATCCTACCTCCCGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



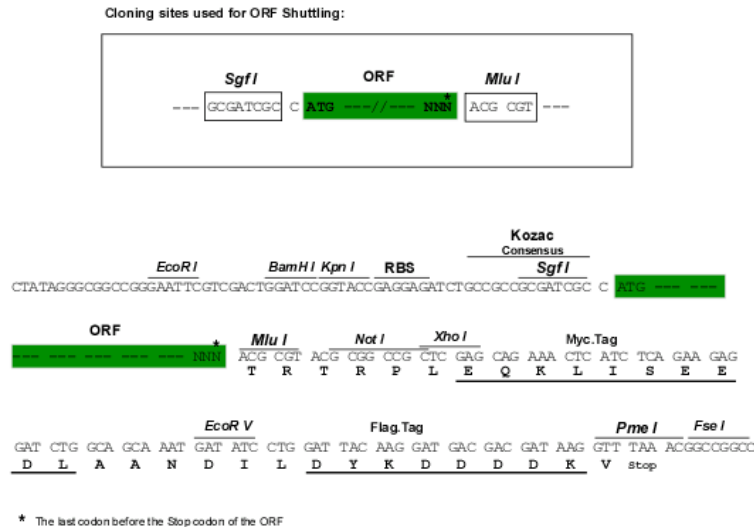
Protein Sequence: >MR218437 protein sequence
Red=Cloning site Green=Tags(s)

MNGCDLLAGLSRSDDCVSHLCTPPLAITSWAAKERSQYSPPPGEPSSDKALDCMTHWSRVLEPEI
VNTASEQAGKSGAWEKEWDSEPQPHEGTPCSSSDVNKDHYHDQDLVKNHCVAKKSLEPSSAKVKVKNM
IIPDSQKLLRCELESRLSQLQAQSKAFELNHSVTMLEKESCLQQIKIQLEEVLSPTSRRQGEKYGRKWS
TEQELYGALAQGLQGLQKTLKEGEELQRARTTRCLQLLAREIRDSKKFLWEELELVREEVTFIYQKLQDQ
EDEISENLLNIQMQKTQVKCRKVLTKMKQAYDSWPEAEGVPTEGNGCCKDDLQKELGDIWSAVHSLQS
SIDCLALSMGTRPRASSLRGQKGHQCKSSQCPSWDSDSDWERPFKSGSYPPA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



* The last codon before the Stop codon of the ORF

ACCN: NM_025977

ORF Size: 1209 bp

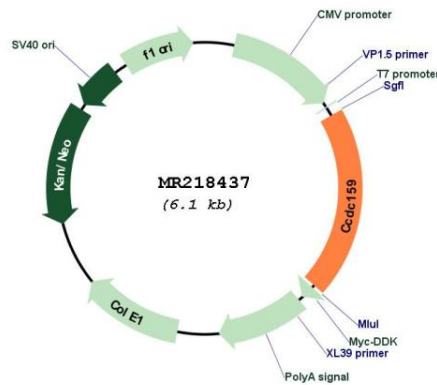
OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially 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:	<u>NM_025977.3, NP_080253.2</u>
RefSeq Size:	1531 bp
RefSeq ORF:	1212 bp
Locus ID:	67119
UniProt ID:	<u>Q8C963</u>
Cytogenetics:	9 A3
MW:	45.4 kDa

Product images:



Circular map for MR218437