

Product datasheet for **MR230368**

Ccdc149 (NM_001256059) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccdc149 (NM_001256059) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ccdc149
Synonyms:	Gm447
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide Sequence:

>MR230368 representing NM_001256059
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACGGCGATCGGACCGAGAGCGACTGGCAGGGGCTGGTGAGCGAGTACCTGGTGTGTAAACGGAAGC
 TGGAGAGCAAGAAGGAGGCTCTGCTGATCCTCTCCAAGGAGCTGGACACCTGCCAGCAGGAGAGGGACCA
 GTACAAGCTCATGGCAATCAGCTGCGAGAACGGCATCAGTCCCTGAAGAAGAAGTATCGAGAGCTGATT
 GATGGAGATCCATCACTTCCCCGTAAAAGAGGAAGCAGGCTAATCTTGACAGCTGCTGAGAGAATCGC
 AGGACAGGACTAAGCATCTGGGAGAAGAGATTAAGAAGCTTCGGCAGAGGCTTGGCGAGGTCCAGGGTGA
 CAATAAGCTGTTGAGGATGACGATTGCCAAACAAAGGCTTGGAGATGAAGAAATCGGCATGAGGCACCTT
 GCAGCCCACGAGCGGAAGACTTGGTTGAGCAGCTGGAGCGGGCTAAGGAACAGATAGAGTCGTTGGAGC
 ATGACCTACAGGCCTCAGCGGATGAACTCCAGGATGTCAAGGAAGAGCGGGCTTCTACCAGGACAAAGT
 GGACAGACTGAACCAGGAGCTCAACCACATCCTGGGTGGTTCATGAGAACCGAATTATCGATGTGGATGCA
 CTGTGCATGGAGAACAGATATCTCCAGGAGAGACTGAAACAACCTCCACGAGGAGGTGAGCCTTCTGAAAT
 CGAACATTGCCAAGTACAAGAATGCTCTCGAGAGACGGAAAACTCCAAGAGCCAAGGCAATCCAGCAG
 TAGTGCTCTGACTGGGGTCTTGCTGCAAAGCAAGTTCAGGATCTGCTCTCTGAAGACCATGGGTGCAGC
 CTCCCAGTACTCCTCAGTCCATCGCTGACCTGAAGTCTTTGGCCACTGCCCTGCTGGAGACGATCCATG
 AGAAAAATATGGTCATTCAGCATCAGAGGCAAACCAACAGGATCCTAGGGAAATCGAGTGGCAGAGCTGGA
 GAAGAACTAAGAAGCTGGAAGTTTCTGGCTTGTGGAGTCTTCCAGGGGCAAGGACACCATACTGCTC
 AATGATCAGACTCTCCCCACCATACAGAGGTCAAAGTCCCCTGTTGAAGTTTGTGGAACAGTCCACCG
 ACAACAAGGAGAGTGCCAGAGATGGGGAGATTGAGAAGCAGGAAGATGAAAGCTGCCGAGCTGCTGAGGC
 ACTGGCAGAGCCTGAGGATGCTGGAAAGCTGCTGTGAGCTCCACAGCCCGCTGAGCCACGCGAACCCAG
 CAGCAGTGGACTTTCATCATCCTCCTGTACCCAGCCACCTTCAAGAAGTAAACACGGTGGGGAGGG
 AGAGTATCAACTGACTGATGGGCAGCAGGCTGCAGACCTGGAGGAGGTCCCAAGGGAGGCTCCCACGGA
 GGAACAGAAGTGTGAGCCGGGGCTGCCCCATCGAGCCTGGCCTCCAGGAGGAATGCACCACAACCTTTC
 CAGGACCACTTGCTTCCACACAGCCAGAGGTCAAAGCATCCAGTGTGGGAGGTAACAGAGGCATCTCAG
 AGGGCGGAGACACAAGGAGTACTGTGCATACA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR230368 representing NM_001256059
 Red=Cloning site Green=Tags(s)

MDGDRTESDWQGLVSEYLVCKRKLESKKEALLILSKELDTCCQERDQYKLMANQLRERHQSLKKKYRELI
 DGDPSLPPEKRKQANLAQLLRESQDRTKHLGEEKELRQRLGEVQGDNKLRLMTIAKQRLGDEEIGMRHF
 AAHEREDLVEQLERAKEQIESLEHDLQASADELQDVKEERASYQDKVDRLNQELNHILGGHENRIDVDA
 LCMENRYLQERLQQLHEEVSLKSNIAKYKNALERRKNSKQSGKSSSSALTGVL SAKVQDLL SEDHGCS
 LPATPQSIADLKSLATALLETIHEKNMVIQHQRQTNRILGNRVAEIEKKLRTLEVSGLWSPGGKDTILL
 NDQTLPTIQRSKSPLLKFVEQSTDNKESARDGEIQKQEDESCAAAEALAEPEADAGKPAVSSSTAPLSHANQ
 QHLDFHPPVPQPPSEEVNTVGRESIQLTDGQQAADLEEVPREAPTEEQKCEPGLPPSSSLASQEECTTTF
 QDHL PSTQPEVKASSVGGNRGISEGGDTRSTVHT

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

ACCN:	NM_001256059
ORF Size:	1572 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:	<ol style="list-style-type: none">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.
RefSeq:	NM_001256059.1 , NP_001242988.1
RefSeq Size:	3317 bp
RefSeq ORF:	1575 bp
Locus ID:	100503884
Cytogenetics:	5 C1
MW:	59.3 kDa