

Product datasheet for **MG219070**

Ccdc89 (NM_027298) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ccdc89 (NM_027298) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Ccdc89
Synonyms: 1700019B01Rik; AU022100; BOIP
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG219070 representing NM_027298
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCGAGGAGGAGAAGACTCTTAGGATGGATACCCACCCCGACGAGATCTTAGGAAAACAAAACG
AAAACCTGCAAAACCAGGATGAGGAATTGGGGTTAAGGAAATGGACGGTCTGAGAGAAGCTTTGGCCAA
CCTTAGGGGACTGTCTGAGGAGGAGAAGGGCGAGAAGGCAATGCTTCGCTCCCGCATCCAAGAGCAATCC
CAGCTCATCTGCATCCTGAAACGCAGATCCGACGAGGCCCTGGAACGCTGCCAGATCTTAGAACTGCTCA
ACTCGGAGCTGGAGGAGAAGAGGCTGCAGGAGATGGAGAAGTTGAAGGCCAGAGTGAGCACATCCAAAA
GCTGGAGAATCACTTCATGATCCTGGCATCCAACCACGAGCAGATGATTGCTTCAAGGATGCGCACAAG
AGTGAACAGTCAAGCTGAAAGAGGAGAATGCGAGGCTGAGGCAGGAAAACAACAGCCTCTTCAGCCAGG
CTCTGAAAGACCAGGAGGCTAAGGTAAGTACTGGAGCTCACTACACTCAACAAGGCCCTGGTGGAGGAACTGGA
GGTCTTGAACAGAGATGCGCTCACGAAGCTAGCCAGGCTCAGGCCCGAGAGGAGGAGCTGCTGGCCCTG
CAGAACCAGCAAGCCTGTGACCATGCCAAGGAGACCGAGGAGCTGCGCAGCCAGCTGCAGAGCATCAAA
AGCAACACCAGCAGGCCACGGAACAGATGGGAAAGGAGCAAGAGGCTAATCTCAACCTGAACCAGGAGCT
GCAGGCCAGGCTGCAGACTGTCTGCGAGAGAAAGAGGAGCTGCTGCAGCTGCCATGGAGAGAGGCAAG
GTGCTTCAACAACAGGCTGAGATCCGCCAGCTTGGAGAGAAGTTGGAGACAGCAGCCATGGCTAAGA
AGCATGCCGTGGAACGCTTTGAGCAAGAGGCAGTGGCCGTTGATAGCAACCTGAGAGTTCGCGAGCTTCA
GCGCAGGGTAGATGGGATCCAGAAAGCTTATGATGAGCTGCGTCTGCAATCAGAAGCCTTCAAAAAGCAC
AGCCTGGATCTCTAAGCAAAGAGAGAGGCTTAATGCCAAACTCCGCCATCTCTTTCCA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG219070 representing NM_027298
 Red=Cloning site Green=Tags(s)

MPQEEKTLRMDTPPPDEILGKQENLQNQDEELGFKEMDGLREALANLRGLSEEEKGEKAMLRRIQEQS
 QLICILKRRSDEALERQILELLNSELEEKRLQEMEKAKAQSEHIQKLENHFILASNHEQMIRFKDAHK
 SENVKLKEENARLRQENNSLFSQALKDQEAQVLELTTLNKALVEELEVLRQCAHEASQAQAREEELLGL
 QNQQACDHAKETEELRSQLSIKQQHQQAQTEQMGKEQEANLNLNQELQARLQTVLREKEELLQLSMERGK
 VLQNKQAEIRQLEEKLETAAMAKKHALERFEQEAQVAVDSNLRVRELQRRVDGIQKAYDELRLQSEAFKKH
 SLDLLSKERELNAKLRHLFP

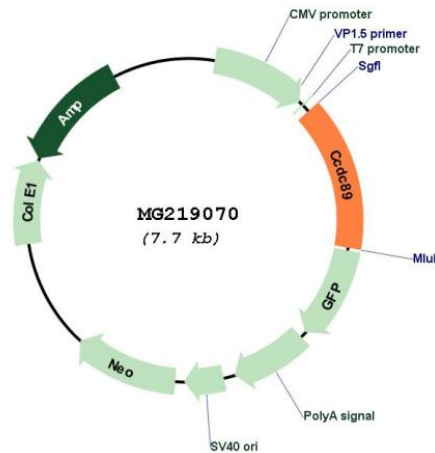
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_027298

ORF Size:	1110 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_027298.1 , NP_081574.1
RefSeq Size:	2371 bp
RefSeq ORF:	1113 bp
Locus ID:	70054
UniProt ID:	Q9DA73
Cytogenetics:	7 E1