

Product datasheet for **MG214918**

Ccdc178 (NM_027616) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	Ccdc178
Synonyms:	4921528I01Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence: >MG214918 representing NM_027616
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTACTATAGGGCGCCGGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCCAGAAAACGAGAAAAGAGCCAGCTCAACCTACTACCAATGAGGATGCACTTGATACAGGTAAACAT
GTCTTCAAATAAAGGAGCTCAAAGACAAAAGAAAGGGCATTAAATGCTTGCAGAAAATGCCAGAGTGAAGG
CTTGTCAGAAATCTTCTTCCAGACATGAGGATAAAAAGGCTTTATGAAAGTAAATCAACAAATACAGAA
GACGTGAATAAAGCCATCTACTTCAGTACCCAAGTCGGCGACATAGTTGTACTTTGGTAAATATCCCTA
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ACTGTTTGATCAATATTGCTGGAGACAAAAGAAAATATGAAAATGAGTACCTGGAAGCATTCTTAATTTT
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GAGGAATCCTCAAGCCTAATGCAACACATCTAGATTTCTTCAAGAGTTTCCCAAATAGTTCATGTGGAG
AAGATGAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG214918 representing NM_027616

Red=Cloning site Green=Tags(s)

MPENEKEPAQPTTNE DALDTGKTCLQIKELKDKERALMLAENARVQGLSEFFFFSRHEDKRLYESKSTNTE
DVNKAIYFYSYPSRRHSCTLVNIPKPCVNKMI SHIEDVESKIQEHLTQFEASFEEWTSVTKDKEAGLDVSA
PEKQVHPEKGGKDEKCPCLKRMETLLSEAIHLIKSLETDRAEAEQALKQHKSRRKKKISMKIDSWSIWKLQ
ELPLAVQKEHENFSKINAELRSYLEDIALKVEQLQERKEKLEKANAKLQVDIDYMASHVLLLEKKRKQEL
GCLKERYHKKFEVMEKFRAIHEELKESVDKCEGAKARLKNMKVENEREIQEELINATSYEKELDKLSVLD
AHYTTSIETVNLDI EGDEEAMNEVLRETQSTTNELENL KKTVDL KRLFDQYCWQRKYENEYLEAFSNF
YSLKKTWDIELSNVSKDAKDLTIVYEAQSEENKRIQSEIQSITDDIEESIKKTAEMEEEVHTFVEMKMN
NNYLKQLYKQAYQVGAVYHL SRHKTEELEDK LADLKRIFKGREELLKKL TRGDIATGIEIQKRLYAI EET
QFIEMQEFIRRQVL YNMALLEVEEQLEAEAVRIRYLHRQHSKMLHNIRKRKERVKKNVDATKKLLK
KSKSRMELTRTEGKRSIHHEEIEIARGQTVALHEKCIELSKEIRIMNLERTNYEERLKKLQEEFFKLQF
DREHVHGVVDHLMREKQYCEERIFEEERRFRRLIDMRKNTLKNIRKCQDDLLEENLRLAKEYQSAQLIFL
KEKESYFNGYDRLLSLNFSLSDKKKLCQLQKRLDQKWQEFRLMILFNKTKLAKFQGDSQNSIQILAVQ
EESSSLMQHILDFFKSFPNSSCGEDD

TRTRPLE - GFP Tag - V

Restriction Sites:

SgfI-MluI

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_027616.3](#), [NP_081892.2](#)

RefSeq Size: 3335 bp

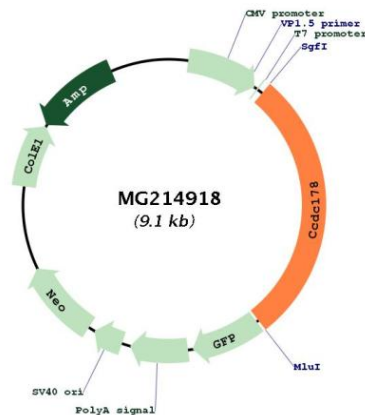
RefSeq ORF: 2601 bp

Locus ID: 70950

UniProt ID: [Q8CDV0](#)

Cytogenetics: 18 A2

Product images:



Circular map for MG214918