

## Product datasheet for **MG220629**

### Ccdc122 (NM\_175369) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ccdc122 (NM_175369) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Ccdc122
Synonyms:	4933415L06Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG220629 representing NM_175369 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTCAGGAGACACAGAAAGGAAGAATGAAGTCATTCCTACAAAAGCTGCAGTCAAAGACACATCTGCAT  
TAACTGATGCTGTAGAGCAAGTCGCCAAACAACAACAGTCACAAACATCAGAAATAGAAAAACATAAAAA  
AATTCTGTTCCAGTTGCAGATTGAACCTCATGAGCTTGAAAAACAATAGCGACTATTGCTGAAGAAGCT  
AAAGAAACAGACAGGCAAATGCATCGGCAAGATGCTGCAATGGAGAACTCTAAACTTCAGTGTGGACGCT  
TAGAAGCTCAAATTGAGTCCTTATATTCAGAAAGTTTAAACTTAAATTTGATACAGAAACAGCCCAAGA  
AAAATTTGAGGAGCAAATGATAAAATATAATGCATATTATGTAATAAAAGCTTATAAAGATAATTTA  
GGAGAGATAAAAAAGCCAATGTCCATTTATGACTGAACTCTATGAAAAACGAGATCTTATCAAAAACCTAA  
AGACAATGAAAGAAGATCTTATGGAAAACCTCCAAGATTCACAAGGGAAGTGCACAATACAAATACAGGA  
AGACATTTAGAGATAAAGAATAAAATTTATGACAGTAAAAGAGTCAATCACTGAGAAAACGCTTTTTGTG  
GAAGAAGAGAAAAAGACACATGAAAAATTAAGAAAAGAAATAGAGGTACAACATAAGAGATATGATGCAA  
TTCTTAAGCGTTTGCATTGTCAGATGAACAAGATTCAGTTAAATAGGAGGAAGTGCAATGGAACATCCA  
ACAAGTGGAAAAAAGTGCAGCTGAGTTAAAAAAGCGGATCAGAGAGAAGGAAGCCAGTGAATACAGAGC  
AGGCCTGCAGCACCGTGGGAGAGAATACTG

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >MG220629 representing NM\_175369  
 Red=Cloning site Green=Tags(s)

MSGDTERKNEVIPTKAAVKDTSALTDAVEQVAKQQSQTSEIEKHKILFQLQIELHELEKQIATIAEEA  
 KETDRQMHRQDAAMENSKLQCGRLEAQIESLYSESLKLFDTETAQEKFEEMIKYNAYVYKIKAYKDNL  
 GEIKSQCPFMTELYEKRDLIKNLKTMKEDLMENLQDSQGNCTIQIQEDISEIKNKIMTVKESITEKTSFV  
 EEEKKTHEKLRKEIEVQHKRYDAILKRLHCQMNKIQLNRRKQWNIQQLKTAELKKRIREKEASEIQS  
 RPAAPWERIL

TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_175369

**ORF Size:** 870 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.

**RefSeq:** [NM\\_175369.4](#), [NP\\_780578.1](#)

**RefSeq Size:** 1721 bp

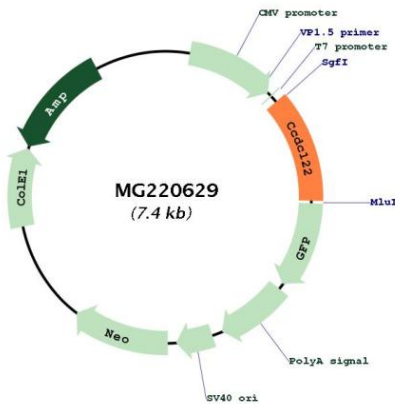
**RefSeq ORF:** 873 bp

**Locus ID:** 108811

**UniProt ID:** [Q8BVN0](#)

**Cytogenetics:** 14 D3

**Product images:**



Circular map for MG220629