

## Product datasheet for **RG206650**

### CCDC89 (NM\_152723) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CCDC89 (NM_152723) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CCDC89
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG206650 representing NM_152723 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAGAGCGCCTATGCTCCAGAAACAGCAGGCTCCCAGGATGGACACCCCGCCCCCTGAAGAACGCTTAG  
AGAAGCAAAATGAAAACTGAACAACCAGGAAGAGGAGACGGAGTTTAAGGAACTGGACGGTCTGAGGGA  
AGCCTTGGCAAACCTCCGGGGACTGTCAGAGGAGGAGAGGAGCGAGAAGGCTATGCTTCGCTCCCGCATT  
GAAGAGCAGTCCCAGCTCATCTGCATCCTGAAGCGGAGGTGATGAGGCCCTGGAGCGCTGCCAGATCC  
TAGAGCTGCTCAATGCAGAGCTGGAGGAGAAGATGATGCAGGAGGCTGAGAAGCTCAAGGCCAGGGTGA  
GTACAGTCGGAACCTAGAGGAACGCTTTATGACCCTAGCAGCCAACCACGAGTTGATGCTCCGCTTCAAG  
GATGAATACAAGAGTGAGAACATCAAGCTGAGGGAGGAGAATGAGAAGCTGAGGCTGGAGAATAGCAGCC  
TCTTCAGCCAGGCTCTGAAGGATGAGGAGGCGAAAGTATTACAGCTCACAGTCCGGTGTGAGGCCCTCAC  
TGGGGAGCTAGAAACGCTGAAGGAGAGGTGTGCTCAGGATGCCTGCCAGGCACAGGCGCGGAGAAGGAG  
CTGCTGGAGCTACAGAGCCAGCAGGCTGCACCCACACCAAGGAGACAGAACAGCTGCGCAGCCAGCTGC  
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GAGCCAGGAGCTGCAGGCCAGGCTGCAGACCGTCACTAGAGAGAAAGAGGAGTTGCTGCAGCTGTCCATT  
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ATGAAGACAGGAAGCATGCGCTGGAGCGGTTTGAAGCAAGAGGCAGTGGCTGTGGACAGCAACTTGAGAGT  
CAGGGAGCTTCAGCGCAAAGTAGATGGGATCCAGAAGGCCTACGATGAACTCAGGCTGCAGTCTGAAGCC  
TTCAAAAAGCACAGCTTGGATCTTTAAGCAAGGAGAGAGAACTCAATGGCAAACCTCCGCATCTCTCTC  
CA

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >RG206650 representing NM\_152723  
Red=Cloning site Green=Tags(s)

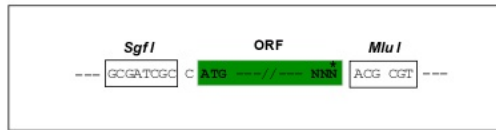
MRAPMLQKQQAPRMDTPPPEERLEKQNEKLNQEEETEFKELDGLREALANLRGLSEEERSEKAMLRSRI  
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 DEYKSENIKLRENEKLRLENSLSFSQALKDEEAKVLQLTVRCEALTGELETLKERCAQDACQAQAREKE  
 LLELQSQQACTHTKETEQLRSQLQTLKQQHQQAVEQIAKAEETHSSLSQELQARLQTVTREKEELLQLSI  
 ERGKVLQNKQAEICQLEEKLEIANEDRKHALERFEQEAVAVDNSLNRVRELQRKVDGIQKAYDELRLQSEA  
 FKKHSLDLLSKERELNGKLRHLSPL

TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



**ACCN:** NM\_152723

**ORF Size:** 1122 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\\_152723.3](#)

**RefSeq Size:** 2428 bp

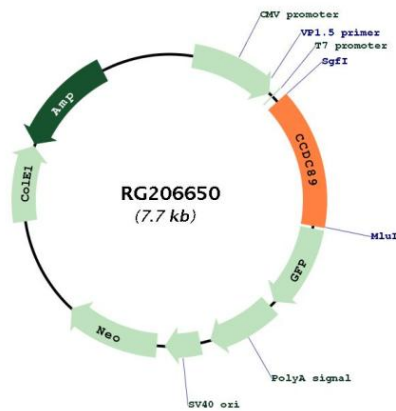
**RefSeq ORF:** 1125 bp

**Locus ID:** 220388

**UniProt ID:** [Q8N998](#)

**Cytogenetics:** 11q14.1

**Product images:**



Circular map for RG206650