

## Product datasheet for **RG230783**

### CCDC169 (NM\_001198908) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CCDC169 (NM_001198908) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CCDC169
Synonyms:	C13orf38
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG230783 representing NM_001198908 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAAGGAAGAGAGAACTACAACCTCGACGGTGTGAGCACCAACCGCTGAAACAGCAGTTGCTGGAAG  
AAGTCCGCAAGAAGGATGCAGTGCAACTCTCAATATTTGAACTAAGACACAAGATTACGGAAGTGGAAAGC  
CAAACCTCAATACTGACAATGAAGGTAGTGAATGGAAAACCGTTATGAGACACAACCTGAATTAATGAT  
GAACTAGAAAAGCAAATGTTTATCTCAAGGAGAAAGTGGAAAAATCCATGGAACTCTTCAGATAGAC  
TATCTTCTATTCGTGTCTATGAACGAATGCCAGTGGAAATCCTTAAACACATTACTTAAACAGCTAGAAGA  
AGAAAAGAAGACTCTTGAAAGTCAAGTGAATACTATGCCTTAAACTGGAAACAAGAAATCAAGGCTTAC  
CAGAAGATCAACAATGAACGCCGTACATACCTAGCTGAAATGTCTCAGGTTCTGGTTTACATCAAGTTT  
CTAAAAGGCAACAGGTGGATCAACTGCCTAGGATGCAAGAGAATCTAGTAAAACCTCCTCTTAAAAGA  
AGAATTGGACCCTTTAAAGGTCAGCTGCTTGGAGACATTGGGTTTCAGTGTCTGCAGGTGTGGCTGGACCA  
GAGAATAGGACATGCCTCGGACAAAAGCACTCTGGCCCGCTGCTTACATGGGTCTCAACCTTGGCTG  
TGTGTCAGACTCACCTGAAGAGC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >RG230783 representing NM\_001198908  
Red=Cloning site Green=Tags(s)

MKEERNYNFDGVSTNRLKQQLLEEVKRDVAVQLSIFELRHKITELEAKLNTDNEGSEWKTRYETQLELND  
 ELEKQIVYLKEKVEKIHGNSSDRLSSIRVYERMPVESLNTLLKQLEEEKKTLESQVKYYALKLEQESKAY  
 QKINNERRTYLAEMSQGSGLHQVSKRQQVDQLPRMQENLVKTLKLLKEELDPLKVSCLLETGLGSAAGVAGP  
 ENRTCLGQKALWPACLHGSSTLAVCQTHLKS

TRTRPLE - GFP Tag - V

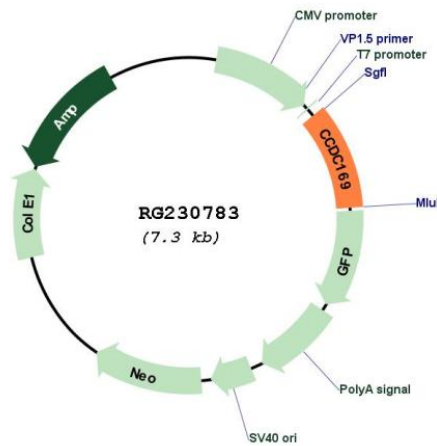
**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shutting:



**Plasmid Map:**



**ACCN:** NM\_001198908

**ORF Size:** 723 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001198908.2</a>
<b>RefSeq Size:</b>	1021 bp
<b>RefSeq ORF:</b>	726 bp
<b>Locus ID:</b>	728591
<b>UniProt ID:</b>	<a href="#">A6NNP5</a>
<b>Cytogenetics:</b>	13q13.3