

## Product datasheet for **RG212702**

### CCDC34 (NM\_030771) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CCDC34 (NM_030771) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CCDC34
Synonyms:	L15; NY-REN-41; RAMA3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG212702 representing NM_030771 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTGGGCGGGGGCGCTGGGGCCTACTTTCCCTCTTCTACGCCGTTTCTCTGCTGACTGCAGAC  
CCAGGTCTCGGCCCTCTCGGACTCCTGCTCAGTCCCTATGACGGGCGCACGTGGGCAGGGGCTGGAGGT  
GGTGGCTCGCCGTCGCCCGCTGCCGCTGAGCTGCAGCAATCCACCAGGTCGCTGTTGTCTCCCTT  
GGCCACCAGAGCTTCCAGTTTGACGAGGACGACGGTGACGGGAGGATGAGGAAGACGTGGATGATGAGG  
AAGACGTGGATGAAGATGCCCATGATTCAGAGGCCAAAGTGGCGAGCCTGAGAGGAATGGAGTTACAGGG  
GTGCGCCAGCACTCAGGTTGAATCAGAAAATAACCAAGAAGAAGCAAGGTCGCTTACCAGAAAGC  
CGCCTGACACCATGGGAGGTGTGGTTTATTGGCAAAGAAAAGAAGAACGTGACCGGCTGCAACTGAAAG  
CTCTAGAGGAATTAATCAACAAGTAAAAAGAAAAGAAAATGGAAGAAGCTGAAAAAGAAAAGATAAT  
TGCTGAAGAAAAGCACAAGGAATGGGTTTCAAGAAAAGAAATGAGCAAAAAAGAAAAGAAAAGAAAAG  
ATTAATAAAGAAATGGAGAAAAGCAGCAAGGAAGTGGAGAAAAGAAATCTTCAAGAAAAGCAAAAAG  
AAAAATATCAAGAATGGTTAAAGAAAAAATGCTGAAGAATGTGAGAGGAAGAAGAAAAGAAAAGAAAAG  
AGAAAACAACAGCAAGCTGAAATACAGGAGAAAAGGAAATAGCAGAAAAAAGTTTCAAGAATGGTTG  
GAAAATGCGAAACATAAACCTCGTCCAGCTCAAAGAGCTATGGTTATGCCAATGAAAACCTTACAGGTT  
TTTACAGTGAAAATTCCTATCCAGAACCAGCCTTTTATAATCCAATTCCTGGAACCAATTCATATGCC  
ACCTCCAAAGAAGCTAAGGATCTATCAGGAAGGAAGAGTAAAAGACCTGTGATAAGTCAGCCACACAAG  
TCATCATCTCTGGTAATTCATAAAGCCAGGAGCAATCTTGCCTTGAACCTGTGCAGAATACAAAGA

**ACCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >RG212702 representing NM\_030771  
 Red=Cloning site Green=Tags(s)

MWAAGRWGPTFPSSYAGFSADCRPRSRPSSDSCSVPMTGARGQGLEVVRSPPPLPLSCSNSTRSLLSPL  
 GHQSFQFDEDDGDGEDEEDVDDEEDVDEDAHDSEAKVASLRGMELQGCSTQVESENQEEQKQVRLPES  
 RLTPWEVWFIGEKEERDLQLKALEELNQLEKRKEMEEREKRIIAEEKHKWVQKNEQKRKEREQK  
 INKEMEEKAAKELEKEYLQEKAKKEYQEWLKKNAEECERKKKEKEKQQQAEIQEKKEIAEKKFQEWL  
 ENAKHKPRPAAKSYGYANGKLTGFYSGNSYPEPAFYNPWPWPIHMPPPKEAKDLSGRKS SRPVISQPHK  
 SSSLVIHKARSNLCLGTLCRIQR

TRTRPLE - GFP Tag - V

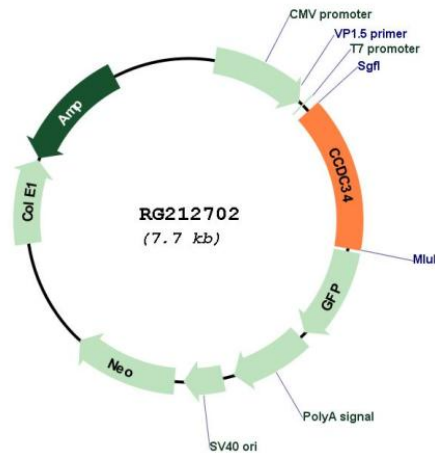
**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:**

NM\_030771

<b>ORF Size:</b>	1119 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_030771.2</a>
<b>RefSeq Size:</b>	1488 bp
<b>RefSeq ORF:</b>	1122 bp
<b>Locus ID:</b>	91057
<b>UniProt ID:</b>	<a href="#">Q96HJ3</a>
<b>Cytogenetics:</b>	11p14.1