

## Product datasheet for **RG235671**

### CDV3 (NM\_001282764) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** CDV3 (NM\_001282764) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** CDV3  
**Synonyms:** H41  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG235671 representing NM\_001282764.  
 Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGCAAATAAGCAGTGAAAAGGAAGAGACGATAATGAAAAGAGACAAGATCCAGGTGATAACTGGGAA
GAAGGTGGAGGTGGTGGTGGAGGTATGGAAAAATCTTCAGGTCCCTGGAATAAACAGCTCCAGTACAA
GCACCTCTGCTCCAGTAATTGTTACAGAAACCCAGAACCCAGCGATGACTAGTGGTGTGTATAGGCCT
CCTGGGGCCAGGTTAACCACAACAAGGAAAACACCACAAGGACCACCAGAAATCTACAGTGATACACAG
TTCCCATCCCTGCAGTCAACTGCCAAGCATGTAGAAAGCCGGAATAC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

**Protein Sequence:** >Peptide sequence encoded by RG235671  
 Blue=ORF Red=Cloning site Green=Tag(s)

```
MQISSEKEEDDNEKRQDPGDNWEEGGGGGMEKSSGPWNKTAPVQAPPAPVIVTETPEPAMTSGVYRP
PGARLTTTRKTPQGPPEIYSDTQFSLQSTAKHVESRKY
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMKSTKGALTFSPYLLSHV
MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPEP
SVIFTDKIIRSNAIVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSDHMFKSAIHPISILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

**Restriction Sites:** Sgfl-MluI

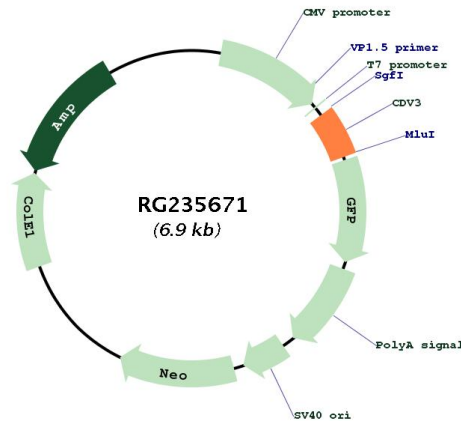


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Cloning Scheme:



Plasmid Map:



ACCN: NM\_001282764

ORF Size: 324 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](#)

<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>RefSeq:</b>	<a href="#">NM_001282764.1</a> , <a href="#">NP_001269693.1</a>
<b>RefSeq Size:</b>	2647 bp
<b>RefSeq ORF:</b>	327 bp
<b>Locus ID:</b>	55573
<b>UniProt ID:</b>	<a href="#">Q9UKY7</a>
<b>Cytogenetics:</b>	3q22.1
<b>MW:</b>	12.1 kDa