

## Product datasheet for **RG205599**

### ANGEL1 (NM\_015305) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ANGEL1 (NM_015305) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ANGEL1
Synonyms:	Ccr4e; KIAA0759
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide  
Sequence:

>RG205599 representing NM\_015305  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGATCGCGTCGTGCTTGTGTTACCTGCTGCTGCCGGCCACGCGCCTCTCCGCGCCTCTCAGATGCTT  
TCTTCACATGTCGAAAAATGTCCTTCTGGCGAACAGCTCATCCCCCAGGTAGAGGGCGACTTTGCCAT  
GGCCCCCTCGGGGCCCTGAGCAGGAGGAATGTGAGGGCCTGCTGCAGCAGTGGCGAGAAGAAGGGTTGAGC  
CAGGTGCTCTCAACTGCAAGTGAGGGGCCCTTATAGATAAAGGACTAGCCCAGAGCAGCCTGGCACTTC  
TGATGGATAATCCTGGAGAAGAGAATGTGCTTCCAGAGCAGGTGGTCCAGCAGGCAGCTGAGTGACCT  
TCGGGCTGCAGAGAACCTGGATGAGCCTTCCCTGAGATGCTAGGAGAGGAGCCACTGCTGGAGGTGGAG  
GGGGTGGAGGGTCCATGTGGGCAGCTATCCCCATGCAGTCGGAGCCCCAGTATGCAGACTGTGCTGCC  
TCCAGTGGGTGCCCTGGCCACAGAGCAGTGGGAAGAGGCCAGCGGTGTTGGCCTGGAGCATAGCACC  
TGAGCCTGTGCCAGGAAGAGGCTTCCATCTGGCCCTTTGAGGGCCTGGGCAGTTGCAGCCTCCCGCA  
GTGGAAATACCATATCATGAAATTTGTGGCGAGAATGGGAGGATTTCTCCACCCAGCCAGATGCTCAGG  
GCCTGAAGGCAGGAGATGGCCCTCAGTTCAGTTCAGTCTGATGTCTTATAACATCCTGGCTCAGGACCT  
GATGCAGCAGAGCTCAGAGCTCTATCTACATTGCCATCCAGACATCCTCAATTGGAATATCGCTTCGTG  
AACCTCATGCAGGAATCCAGCACTGGGACCCTGATATCCTGTGTCTCCAGGAAGTCCAGGAAGATCATT  
ACTGGGAGCAGCTGGAACCCTCTCTGCGAATGATGGGCTTACCTGTTTCTACAAGAGGAGGACTGGGTG  
TAAACCGATGGCTGTGCTGTCTGCTACAAGCCTACCAGATCCGCTGCTCTGTGCTAGCCCTGTGGAG  
TACTTCCGGCCTGGCTTGGAGCTACTTAATCGGGATAATGTGGGCTTAGTGTGCTACTGCAACCCTCG  
TCCCAGAAGGCCTGGGACAAGTCTCGGTGGCCCGCTGTGTGGCAAATACCCATATCCTTTACAACCC  
ACGCCGGGGCGATGTCAAGCTGGCCAGATGGCCATTCTCCTGGCGGAAGTGGGCAAGGTGGCCAGACTG  
TCAGATGGCAGCCACTGCCCCATCATCTTGTGCGGGACCTAAATTCTGTCCCTGATTCACCTCTCTACA  
ACTTCATCAGGGATGGAGAGCTCCAGTACCATGGGATGCCAGCCTGGAAGGTATCTGGACAGGAAGACTT  
CTCCCATCAGCTTACCAGAGGAAGCTGCAGGCCCACTGTGGCCAGCTCCCTGGGCATCACTGATTGC  
TGTCAATGTCACCTCCTGTCAACCAAGAGATCAGAGAGACGCAAGTATGGCCGAGACTTCTGCTAC  
GTTTCCGCTTCTGCAGCATCGCTTGTCAAGCAGCAGTGGTCTTATGGAAGGAGTGACAGATAC  
TAAGCCAGAGCGACCTGCGGGTGGGCTGAGTCTGTCTTGGGAAGATGCATCGGAGCTTGAGCCTGCC  
TTCTCCAGGACTGTAGGTACCATCCAGCACTGCCTCCACCTGACGTGAGTATATACCCACTTCTGCCCC  
AGCGTGGCCGCCAGAGTCACTACAATGCCATTGGGTCTTGGAAATGACAGTAGATTACATCTTCTCTC  
AGCTGAGTCTGTGAGAATGGGAACAGAACTGATCACAGGCTGTATCGAGATGGAATCTCAAGCTCCTG  
GGTCGTCTCTCCCTTCTCTGAAAGATACTCTGGGCTGCCAATGGCTTACCCAACCCCTTCTGTCTT  
CAGACCACCTCTGCCTGCTAGCCAGCTTCGGGATGGAAGTACCAGCCCA

ACGCGTACGCGGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >RG205599 representing NM\_015305  
 Red=Cloning site Green=Tags(s)

```

MIASCLCYLLLPATRLFRALSDAFFTCRKNVLLANSSSPQVEGDFAMAPRGPEQEECEGLLQQWREEGLS
QVLSTASEGPLIDKGLAQSSLALLMDNPGEENAASEDRWSSRQLSDLRAAENLDEPFPEMLGEEPLLEVE
GVEGSMWAAIPMQSEPQYADCAALPVGALATEQWEEDPAVLAWSIAPEPVQEEASIWPFEGLGQLQPPA
VEIPYHEILWREWEDFSTQPDAAQLKAGDGPQFQFTLMSYNILAQDLMQQSSELYLHCHPDILNWNRYFV
NLMQEFQHWDPDILCLQEVEDHYWEQLEPSLRMMGFCTFYKRRTGCKTDGCAVCYKPTRFRLLCASPVE
YFRPGLELLNRDNVGLVLLLQPLVPEGLQVSVAPLVCVANTHILYNPRRGDVKLAQMAILLAEVGVKVARL
SDGSHCP1IILCGDLNSVPDSPLYNFIRDGELQYHGMPAWKVSGQEDFSHQLYQRKLQAPLWSSLGITDC
CQYVTSCHPKRSERRKYGRDFLLRFRFCSIAQRPVGLVMEGVTDTKPERPAGWAESVLEEDASELEPA
FSRTVGTIQHCLHLTSVYTHFLPQRGRPEVTTMPLGLGMTVDYIFFSAESCENGRDTHRLYRDGTLKLL
GRLSLLSEEILWAANGLPNPFCSSDHLCLLASFGMEVTAP
  
```

TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_015305

**ORF Size:** 2010 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\\_015305.2](#), [NP\\_056120.1](#)

**RefSeq Size:** 4072 bp

**RefSeq ORF:** 2013 bp

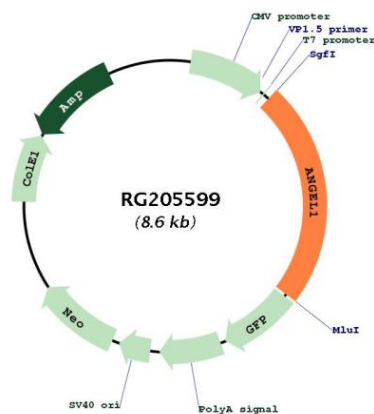
**Locus ID:** 23357

**UniProt ID:** [Q9UNK9](#)

**Cytogenetics:** 14q24.3

**Domains:** Exo\_endo\_phos

### Product images:



Circular map for RG205599