

Product datasheet for **RG238111**

ANGEL2 (NM_001300755) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ANGEL2 (NM_001300755) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ANGEL2
Synonyms:	Ccr4d; KIAA0759L
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG238111 representing NM_001300755. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGAAGGTGTGATAAAGCGGAATTGGGAATATATATGTAGCCATGATAAAGAAAAACGAAGATCCTA
GGAGACAAAAATGTTGATCCCAATGTGAAGACAGTGAGAACAAGTTTGACTTTTCAGTGATGTCCTAT
AATATACTTTTACAAGATTTACTGGAAGATAACTCTCACCTTTATAGACATTGCCGGCGCCAGTATTA
CACTGGAGTTTAGGTTCCCAATATTCTGAAAGAAATTAACATTTTGATGCAGACGACTTTGTTTG
CAAGAAGTTCAAGAAGATCATTATGGAGCAGAGATCAGGCCAAGTTTGAATCACTGGGTTATCACTGT
GAATATAAGATGCGGACAGGAAGGAAACCTGATGGCTGTGCTATTTGCTTCAAACATTCCAAATTTTCA
CTTTGTGACAGTGAACCCAGTGGAAATCTCCGCCCTGATATTTCTCTGTTGGACAGAGACAATGTTGGA
TTAGTTTTACTCTTACAGCCCAAATTCATATGCTGCCTGCCCTGCAATCTGCGTAGCAAATACGCAT
CTGTTGTATAATCCAAGGCGAGGTGATATTAAGCTGACGCAATTGGCAATGCTACTGGCAGAGATTTCC
AGTGTGGCCACCAGAAAGATGGCAGCTTCTGCCCTATTGTTATGTGTGGTGACTTTAATTTCTGTTCC
GGTTCTCCACTATATAGTTTCATAAAGGAAGGAAAATGAATTATGAAGGACTTCCCATAGGAAAGGTA
TCTGGCCAGGAACAGTCTTACGGGGACAAGAATTTTATCTATTCCAATTTGGCCCCAAACCTAGGT
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CAAACACAGCTGAAGCAAACAGAGTCTAGTGACAGCTGAAAAATTTGCTTCAAATTTACAGCACCAT
TTCAGTTTGTATCTGTTTATTCACATTCTTCTGACACTGGAATTCAGAAGTGACCACCTGTCAT
TCCCGAAGTGCCATAACTGTGGATTATATTTCTACTCTGCAGAAAAGGAAGATGTTGCTGGGCACCCA
GGAGCTGAAGTTGCTTTGGTTGGTGGCTTGAACCTTCTAGCTAGACTGTCACTTCTTACAGAAACAAGAC
TTATGGACTGTTAATGGACTTCCAAACGAAAATAACTTTCAGATCATCTGCCTTTATTGGCAAAGTTC
AGACTTGAGCTC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
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Protein Sequence: >Peptide sequence encoded by RG238111
 Blue=ORF Red=Cloning site Green=Tag(s)

MEGVIKRNWEYICSHDKEKTKILGDKNVDPKCEDSENKFDVSVMSYNILSQDLEDNSHL YRHCRRPVL
 HWSFRFPNLIK EIKHFDADVLC LQEVQEDHYGAEIRPSLES LGYHCEYKMR TGRKPDGCAICFKHSKFS
 LLSVNPVEFFRPDISLLDRDNVGLVLLLPKIPYAACP AICVANTHLLYNPRRGDIKLTQLAMLLAEIS
 SVAHQKDGSGFCPIVMCGDFNSVPGSPLYSF IKEGKLN YEGLPIGKVSGQE QSSRGQRILSIPIWPPNLG
 ISQNCVYEVQQVPKVEKTDSDLTQTQLKQTEVLVTA EKLSNLQHHLSSVYSHYFPDTGIPEVTTCH
 SRSAITVDYIFYSAEKEDVAGHPGAEVALVGG LKLLARLSLLTEQDLWTVNGLPNENSSDHLPLLAKF
 RLEL
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMKSTKGALTFSPYLLSHV
 MGYGFYHFGTYP SGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
 SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFLRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001300755

ORF Size: 1254 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](#)

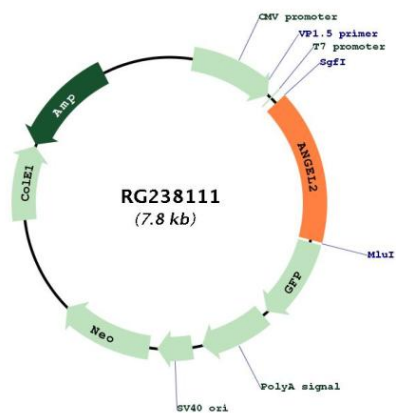
OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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).

RefSeq: [NM_001300755.1](#), [NP_001287684.1](#)

RefSeq Size: 4740 bp
 RefSeq ORF: 1257 bp
 Locus ID: 90806
 UniProt ID: [Q5VTE6](#)
 Cytogenetics: 1q32.3
 MW: 47.6 kDa

Product images:



Circular map for RG238111