

Product datasheet for **RN213928**

Angel2 (NM_001135119) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Angel2 (NM_001135119) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Angel2
Synonyms:	RGD1305056
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN213928 representing NM_001135119
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCTTCCCTATCCTCTAAAGAGTTTGGTTCGAGACTGGACCACGCCGTGGGAGGATCTGCAGAAATATT
 GCTGGCGCAGACACATTTCCAGTTGTCTGAGGTGGCCAGGACATTACTCACGGGCACCTTACCCATACTT
 CAGTAGCCGGCATTCTCATTGAACTGTAGACCGCTTTTCTGTTTGAGTCTGGGACTCAGTTTCAGTAC
 TACAATTGGAGGCCTGACCAACTGAGTAATACATCCTTGTTCATCTCTCTCGTTACGTGATGAACTCTG
 ACAGAGATGAGCCCTCATCTAAACGAAGAAAACACCAAGGAACAATAAAAAGGAGTTGGGAGTATTTATG
 TAGCCATAATAAAGAGAAAACGAAGGACCTAGAAGACAGAAATGGTGACTCCACATGTGAGGACTGTGAA
 GATAAGTTTGACTTCTCAGTGATGTCTTACAACATACTCTCGCAGGAGTTACTGGAGGACAACCTCGACC
 TCTACAGACATTGCCGACGCCAGTGTACTGAGTTCGGTTCCTCAATATTTTGAAGGAAATCAA
 ACATTTTGATGCTGATGTCTTTGTCTACAGGAAGTTCAAGAAGATCATTACGGGACAGAGATCAGGCCA
 AGTCTGGAATCACTGGGTATCACTGTGAATATAAGATGAAAACAGGAAGGAAACCCGATGGTTGTGCCA
 TCTGCTTCAAACATTCCAAGTTCTCACTTTATCTGTGAACCCAGTGGAGTTCTGCCGCCGTGATATTCC
 TCTGTTGGACAGAGACAACATTGGATTGGTTTTACTCCTCGAGCCTAAGATCCCAGTGCTGCCTCTCCA
 TCCATCTGCATAGCTAACACACATCTGTTGTATAACCCACGGCGCGGTGATTAAGCTGACCCAGCTGG
 CAATGCTGCTAGCAGAGATTTCCAATGTGGCCATCAGAAAGATGGCAGCTTCTGTCCCATTGTCATGTG
 TGGTGACTTTAATTCTGTTCTGTTCTCCACTCTACAGTTTCATAAAGGAAGGAAAATTAATTTATGAA
 GGTCTTGGCATTGGAAAGGTATCTGGCCAGGAACAGTCTTACGGGGACAAGAATTTTATCTATTCCAA
 TTTGGCCCCAAACCTAGGCATCTCTCAGAAGTGTGTTTATGAGGCACAGCAGGTTCCCAAAGTAGAAAA
 GACAGACAGTGATGTGACTCAAGCACAGCAGGAGAAAGCAGAGGTCCAGTGCCAGCTGACAAAGTGTCC
 TCACATCTGCAGCATGGCTTCAGCTTGTCTCTGCTATTCCATTATGTTCTGACACTGGCGTCCAG
 AGGTGACCACCTGCCATTCGCAAGTGCCATAACAGTCGACTACATTTTCTACTCTGCAGAGAAGGACGA
 CACTGCTCGTGGTCCAGGAGCTGAAGTTGCTTTGGTTGGTGGCTTGAACCTCTAGCTAGACTGTCACTT
 CTGACAGAACAAGACTTGTGGACTGTGAATGGCTTCCCAATGAGCACAACCTCTCAGACCACCTGCCTT
 TGCTGGCCAAGTTCAGGCTTGAGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001135119

Insert Size: 1569 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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_001135119.2](#), [NP_001128591.2](#)

RefSeq Size: 3552 bp

RefSeq ORF: 1569 bp

Locus ID: 305035

Cytogenetics: 13q27