

Product datasheet for **RN211203**

Angel1 (NM_001108717) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Angel1 (NM_001108717) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Angel1
Synonyms:	RGD1306238
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN211203 representing NM_001108717
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGATCGCGTCGTGCCTATATTACCTGCTGCTGCCGGCCGCGCGCTCTCCGCTTCCTCTCAGATGCTT
 TCTTTACATGTCGAAAAAATGCCCTTCTGGCGAAGAGCTCGTCCCCCAGGTAGAGGGTAACCTTGCCAT
 GGCCCTCGGGGCTGACCAAGAGGAGTGTAGGGCCTGCTTCAGCAGTGGCGAGAAGAAGGGTGAAC
 CAGACACTCTCAACTGCAAGTGAGGGTCTCTTGCAGATAAGGGACTGGCTGAGAGCAGCTGGCCCTCC
 TGATGGATAACTCTGGAGAACAGGACACTGCCTCGGAGGACAAGTGGTCCAGCAGGCAGCTGAGTGACCT
 TCGGGCAGCGGACAACCTGGACCAGCCTTCCCTGAGGTGCTAGGGGAGGAACCTCTGGCCGAGGATGAG
 GGTCTTTGTGGGCAGCTGTTCCCGTACAGACAGGGCCCCAGTATGCAGACTGTGCTGTTCTCCCAATGG
 GTGCAATGGCTGCAGAACATGGGAAGAGGACCCTGCAATGGTGGCTGGAGCATAGCACCAGGAGCCTAT
 GCCCCAGGAAGAGACTTCCATGTGGCCCTTTGAAGGCCTGGAACAGCTGCAGCCTCCCCCAATGGAATA
 CCTTATCATGAAATCCTGTGGCGAGAATGGGAGGATTTCTCCACGCAGCCAGATGCTCAGGGTCTGGAGG
 CAGGAGATGGCCCTCAGTTCAGTTCACCTCTGATGTCGTATAATATCCTGGCCCAGGATCTGATGCAGCA
 GAGCTCAGAGCTCTATCTGCATTGCCATCCAGACATCCTCAACTGGAATTACCGCTTTGCCAACCTCATG
 CAGGAATCCAGCACTGGGACCCGGATATCCTGTGCCTTCAGGAAGTCCAGGAAGACCATTACTGGGAGC
 AGCTGGAGCCCTCTCGCGGATGATGGGCTTCACTGTTTTTACAAGAGGAGGACTGGGTGTAAACGGA
 TGGCTGCGCTGTGTGCTACAAGCCACCAGGTTCCGTCTGCTGTGTGCCAGCCCTGTGGAGTACTCCGG
 CCTGGGTTGGAGCTCCTCAATCGGGACAATGTGGGCTTAGTGTGCTGCTGCAGCCGCTGGTGCCAGAAG
 GTCTGGGCAAGTCTCAGTGGCTCCCCTGTGTGGCAAATACCATGTCCTGTACAACCCACGTCGGGG
 TGATGTCAAGCTGGCCAGATGGCCATTCTTCTGGCCGAGGTGGACAAGGTGGCCAGGTTGTGAGATGGC
 AGCCACTGCCCTATCATCTTGTGTGGGACCTGAATTCTGTCCCTGATTACCTCTCTACAACCTCATCA
 GGGATGGAGAGCTCCAGTACAATGGGATGCCAGCCTGGAAGGTTTCTGGACAGGAAGACTTCTCTCATCA
 GCTTTACCAGAGGAAGCTGCAGGCCCATTTGTGGCCAGCTCCCTGGGCATCACTGATTGCTGTCAATAT
 GTCACCTCTGTCATCCCAAGAGATCAGAGAGACTAAAATATGGCCGAGACTTCTACTACGATTCCGCT
 TCTGCGACCTCGCTTGTGAGCGACCACTAGGACTGTTTCTCATGGAAGGAGTGACAGACACTAAGCCAGA
 TCGACCTGCTGGTTGGGCGAGTGTATCTTTGAGGAAGAGATATCTGAACCTGAGCCTGTCTTCCCAGG
 ACTATAGGCACCATCCAGCACTGCCTCCACCTGACCTCAGTATATACCCATTTCTGCCCCAGCACGGCC
 GCCCGGAGGTACGACGATGCCCTTAGGTCTTGGGATGACAGTGGATTACATTTTTTCTCAGCTGAGTC
 CTGTGAGAATGAGAACAGAAGTGATCACAGGTTGGATCGAGATGGAACCTCAAGCTCCTGGGCCGCTC
 TCCCTCTCTCTGAAGAGATTCTCTGGCGGCCAATGGCTTGCCCAACCCGTTCTACTCTTCAGACCATC
 TCTGCTTGCTTGCCAGCTTCGGCATGGAAGTCACTGCCCAATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001108717

Insert Size: 2004 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_001108717.1, NP_001102187.1

RefSeq Size: 3790 bp

RefSeq ORF: 2004 bp

Locus ID: 362765

UniProt ID: B2RYM0

Cytogenetics: 6q31