

Product datasheet for **MC228151**

Angel2 (NM_001199020) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Angel2 (NM_001199020) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Angel2
Synonyms:	2610307I21Rik; 5730410O10Rik; AI845692; D1Ertd396e; D1Ertd654e
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC228151 representing NM_001199020
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTTTCCCTATCCTCTAAAGAGTTTGGTTCGAGACTGGACCACGCCGTGGGAGGATCTACAGAAATATT
 GCTGGCGCAGACACATTTCCAGTTGCTGAGGTGGCCAGGACATTACTCCCGTGCCTTACCCATACTT
 CAGTAGCAGGCATTTCTCATTGAACTGTAGACCACCTTTTCTGTTTGAGTCTGGAACGCAGTTTTCAGTAC
 TATAATTGGAGATCTGACCACCTTAGCAACGCATCCTTGATCCATCTCTCTCGTCACGTCATGACCTCTG
 ACAGAGATGAGCCCTTATCTAAACGAAGAAAACATCAAGGAACAATAAAAAGGAACTGGGAGTATTTATG
 TAGCCATAATAAGAAAATACGAAGGACCTAGAAGACAGAAATGTTGACTCCACGTGTGAGGACCGTGAA
 GATAAGTTTGACTTCTCAGTGATGCTTATAACATCCTCTCGCAGGATTTACTGGAGGATAACTCTCACC
 TCTACAGACATTGCCGACGTCCAGTGTACTGGAGTTTTCGGTCCCAATATCTTGAAGAAATCAA
 ACATTTTGATGCAGATGTCTTTGTCTACAGGAAGTTCAAGAAGATCATTATGGGACAGAAATCAGGCCA
 AGTCTGGAATCACTGGGTATCATTGTGAATATAAAATGAAAACAGGAAGGAAGCCCGACGGCTGTGCCA
 TCTGCTTCAAACATTCCAGTTCTCGCTCTTATCTGTGAACCCAGTGGAGTTCTGCCGCCGCGACATTCC
 TCTGCTGGACAGGGACAACATTGGATTGGTTTTACTCCTCGAGCCCAAGATCCCACGCGCTGCCTCTCCA
 TCCATCTGCATAGCTAACACACATCTGCTCTATAATCCACGGCGCGGTGACATTAAGCTGACCCAGCTGG
 CAATGCTGCTAGCTGAGATTGCCAATGTGACCCATCGCAAAGATGGCAGCTCCTGTCCTATTGTCATGTG
 TGGTGACTTTAATTCTGTTCTGTTCTCCACTCTATAGTTTCATAAAGGAAGGAAAATTAATTATGAA
 GGTCTTGCAATTGGAAAGGTATCTGGCCAGGAACAGTCTTACGGGGACAAGAATTTTATCTATTCCAA
 TTTGGCCCCAAACCTAGGCATCTCTCAGAAGTGTGTTTATGAGGCACAGCAGGTTCCCAAGTAGAAAA
 AACAGACAGTGATGTGACTCAAGCACAGCAGGAGAAAGCGGAGGTCCAGTGTGAGCTGACAAAGTGTCC
 TCGCATCTACAGCAGGTTTTCAGCTTGTCTATGTTCCATTATGTTCTGACACTGGAGTTCCAG
 AGGTGACCACCTGCCATTCGCAAGTGCATAACTGTTGATTATATTTTCTACACTGCAAAGAAGGAGAA
 CACTGCTCAGGGGCCAGGAGCTGAAGTTGCTTTGGTTGGTGGCTTGAACCTTCTAGCTAGACTGTCACTT
 CTAACAGAGCAAGACTTGTGGACTGTGAACGGCCTTCCAATGAGCACAACCTCTCAGATCACCTGCCTT
 TGCTGGCCAAGTTCAGGCTTGA**GCTTGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001199020

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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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_001199020.1](#), [NP_001185949.1](#)

RefSeq Size: 3095 bp

RefSeq ORF: 1569 bp

Locus ID: 52477

UniProt ID: [Q8K1C0](#)

Cytogenetics: 1 96.28 cM