

Product datasheet for **MC220107**

Avl9 (NM_030235) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Avl9 (NM_030235) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Avl9
Synonyms:	5830411G16Rik; D730049P16Rik; mKIAA0241
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC220107 representing NM_030235
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGGAGAAGTCTGGGCGTGAGAGTGACGGCGCCCTGCGGGCCTGTCCTGCACATCGTGGTGGTCGGCT
 TTCACCACAAGAAGGGCTGCCAGGTTGAATTCTCTTACCCACCCTAATCCAGGAGATGGACATGATAG
 CCACACTTTACCTGAAGAATGGAAGTACTTGCCTTTCTTGCCTTACCAGATGGTGACATAACTATCAG
 GAAGATACTGTGTTTTTCACTTGCCACCCAGAAATGGAAATGGAGCCACAGTATATGGTATCTCTTGT
 ATCGACAAATTGAAGCAAGGCATTAAAAGTGAGGCAAGCCGACATCACCAGAGAGACTGTTAGAAAAAG
 TGTCTGTGTTTTAAGCAAGCTGCCTCTTTATGGCTTACTTCAAGCAAACTCCAACCTATTACACATGCA
 TATTTTGAAGAAAAAGATTTTCCCAAATTTCCATTCTAAAGGAGCTCTATGAACATATGAACAGTTCCT
 TGGGAGGGGCTCATTAGAAGGATCGCAGGTGTATCTTGGTTTGTCTCCTCGAGATCTTGCCTTCATTT
 TCGACACAAGGTCTTGATCCTGTTAAGCTAATCTTCTTGAAAAGAAGTTCTGTTTTACATTTCTCCA
 GTGAATAGATTGGTGGGTGCACTAATGACTGTGTTATCCCTTTTCCAGGCATGATTGAGCATGGCCTCA
 GTGACTGTTCTCAGTATAGACCTCGAAAGAGTATGTCTGAAGATGCTGGACCTCAGGAAAGTAATCCCTC
 TGCAGATGATTTTACTTCTGAGTCTACTTCTGACGTCTTAAATACCAGCTTGAAACTGTCACAAGAGTC
 ATGGCAGTAAACCATGGCGAAGATGCTGTGCCCAAGACGGAAGCCCTTACTTCCAAGTAGAAGGTAACA
 ACAACAAAGGACAGGAACCCAGTGATTCTGGCCGATATTTGGAAGTCCACCCCGTCCATCTCCAGAGTC
 TTCAGAAAGTGACTGGGAAACGTTGGATCCTAGTGTCTTAGAGGATGCCAGCTTGAAAGAAAGGGAGCAG
 ATGGGGTCAGACCAGACACACTTATCCAAAAGGACTCTCTGCCCTCGGACAGTCCTCCAATTACTGTAC
 AGCCTCAAGCTAATAACAGGCAGGTGGTCTGATACCAGGGCTCATTTCTGGTTTGAAGAAGACCAATA
 TGGCATGCCTCTGGCCATCTTTACAAAGGATATCTGTGTTTGCCTTACATGGCATTGCAGCAGCATCAT
 CTTCTCTCTGATGTCACTGTTTCGGGATTTGTGGCTGGAGCTACTAACATCCTTTTCCGACAACAGAAGC
 ACCTCAGTGATGCCATTGTGGAAGTGGAAGAAGCACTGATCCAGATCCACGATCCAGAACTAGGAAGCT
 GCTTAACCCAACGACGGCTGACCTAAGGTTGCGAGACTACCTGGTGAGGCACGTGACTGAGAACCGGGAC
 GATGTCTTCTGGATGGCACCAGGCTGGGAGGGTGGTGACGAATGGATCCGGGCCAGTTTGCAGTCTACA
 TCCACGCTCTCTGGCTGCTACACTGCAGTTAGATAATGAAAAGATGTTATCAGACTATGGAACAACCTTT
 TGTTGCCGCTGGAAGAATACTCACAACACAGGGTATGGAACAGCAATAAGCATCCGGCACTTTCAGAG
 ATAAATCAAACCATCCTTTTCAAGGCCAGTACTCCGTGTCAGACATGAAACTCAGATTCTCACATTCTG
 TTCAGAAATAGTGAACTGGCAAAAAAATTGGCAGTGTCATGGTCAACAACAGCCGAATGTGGTACAAAC
 AGGAAAAGCCGTTGGCCAATCAGTTGGAGGAGCTTTTCCAGTGCAAAGACAGCTATGTCTTCATGGCTA
 TCTACTTTCACCACATCCACCCCTCAGAGTCTTCTGAGCCACCAATGGGAAGCC**CGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_030235

Insert Size: 1950 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_030235.1](#), [NP_084511.1](#)

RefSeq Size: 6691 bp

RefSeq ORF: 1950 bp

Locus ID: 78937

UniProt ID: [Q80U56](#)

Cytogenetics: 6 B3

Gene Summary: Functions in cell migration.[UniProtKB/Swiss-Prot Function]