

Product datasheet for **RN213090**

Pecam1 (NM_031591) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pecam1 (NM_031591) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pecam1
Synonyms:	CD31; Pecam
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN213090 representing NM_031591
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTCCTGGCTCTGCTGCTCACCATGCTGCTCTATGCAAGCCTCCAGGCTCAGGAAAACCTTTTACCA
 TTAACAGCATCCATATGGAAAGTCGGCCCTCCTGGGAGGTATCGAATGGGCAGAACTGACCCTGCAGTG
 CCTTGTGATATCAGCACCACTCGAAATCTAGGCCTCAGCACCAAGGTGCTATTCTATAAGGACGATGCG
 CTGGTGTACAACGTCTCCTCCAGTGAGCACACAGAGAGCTTCGTCATTCTCAGTCTCGGGTCTTCCACG
 CCGGGAAGTACAAATGCACCGTGATACTGAACAGCAAGGAAAAACCACAATTGAGTACCAGCTGACGGT
 GAACGGTGTACCCATGCCTGAGGTGACCGTGGACAAAAAGGAGGTGACAGAAGGTGGGATTGTGACAGTC
 AATTGCTCCATGCAAGAAGAAAAGCCACCAATATATTTTAAAATTGAAAAAGTGGAACTGGGACAAAGA
 ACGTCAAGCTAAGTAGAGAGAAGACCTCCAACATGAACCTTTGTGCTCATAGAATCCCCATCGAGGAGCA
 AGACCACCTGTTAGTGTTCGCTGCCAAGCTGGCGTCTGTCCGGAATCAAATGCAGACCTCAGAATTC
 ATCCGGAGTGAATACGCTACTGTGACAGGAGTTCTTCTCTACACCCAAGTTTCAAATCCAGCTCCTGAGA
 TGATCATAGAAGGAAACCAGCTGCACATCAAGTGCAGCGTGCAGGTGGCACACTTGGCCAGGAATTTCC
 AGAAATTAATCCAGAAAGACAAGGCGATCGTGGCCACCTCAAAGCAAAGCAAAGAGCTGTCTACTCA
 GTCATGGCCTTGGTAGAGCACAGTGGACACTACAGTGCAAAAGTGGAAATCGAACCAGCATCTCCAAGGCCA
 GTAGCATCCTGGTCAACATAACAGAAGTGTTCAGGCGCAAGCTAGAAGTCTCCTCCAGCCGTCTGGA
 CCAAGGGGAAATGCTGGACCTGTCTGCTGTCTCGGGTGCCTGTAGCTAATTCACCATCCAGAAG
 GAAGAGACGGTGTGTACAGTATCAGAATTCAGCAAGATTGCCGAGGAGAGGGACAGCGGGCTGTACA
 GCTGTACAGCAGGCATCGGCAAAGTGGTCAAGAGAAGCAATTTGGTACCCGTCAGGTGTGCGAAATGCT
 CTCCAAACCCCGGATTTTCATGATGCCAAATTTGAGATCATAAAAGGACAAATCATAGGTATCAGCTGC
 CAGTCAGTAAATGGGACTGCGCCATCACTTACCCTCCTAAGAGCAAAGAGCAACTTCCAGACCGTCC
 AGAAGAACTCCAATGACCCAGTGACATTCACAGACAAGCCACCAGAGACATGGAATACCAGTGTATAGT
 GGATAATTGCCACTCTACCCCGAGGTGCGCAGCGAGATCCTGAGGGTCAAGGTAATAGCCCGGTGGAT
 GAAGTTACGATCTCCATCCTGTGCGGTAACGATGTACAGTCTGGAGATGAAATGGTGTCTCGGTGCTCTG
 TGAAAGAGGGGACTGGCCCTGTACGTTTTCAGTTTTACAAAGAAAAGGAGGCGAGCCCTTCCACGAAGA
 AACCGTGAATGACACCAAGTGTTCAGCACCATGAACAACTAGCAAGGAGCAGGAAGGCCAGTACTAT
 TGTACAGCGTTAACAGAGCCAGCATTGTGACCAAGTCTCCGAAAGCGCCCTAACAGTCAAGTCTTTT
 TTGCTCCGTGGAAGAAAGGGCTCATTGCAGTCTGTCATTGGAGTGGTATTGCCGCTTGATAGTTGC
 AGCCAAATACTACTTCTGAGGAAAGCCAAGGCCAAGCAGAAGCCCGTGGAGATGTCCAGGCCAGCAGTC
 CCATCTTGAACCTCAACAGTGAGAAGTTTCTGAGCCAGTGTGGAAACCAACAGCCATTACGACTCCC
 AGAACATGGATGTGGAGTACACAGAAGTGGAAAGTGTCTCCCTTCCCTGAGCCTACCAAGAGAACGGAAGCT
 CCCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_031591

Insert Size: 2037 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:	<ol style="list-style-type: none">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:	<u>NM_031591.1</u> , <u>NP_113779.1</u>
RefSeq Size:	3244 bp
RefSeq ORF:	2037 bp
Locus ID:	29583
UniProt ID:	<u>Q3SWT0</u>
Cytogenetics:	10q32.1
Gene Summary:	cell adhesion molecule, also intracellular signaling molecule; may mediate leukocyte adhesion and migration, angiogenesis, and thrombosis [RGD, Feb 2006]