

Product datasheet for RN202276

Plxnd1 (NM_001107881) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Plxnd1 (NM_001107881) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Plxnd1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN202276 representing NM_001107881 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCTCAACGTGGCCGCCAACCCACCCCAACCGCTCCACCGTGGGACTAGTGTGCCCGCCGCTCCGGCA
CCGGGGCAGCCGTCTGCTCGTGGCGCCACGTACACCCGGTACGGAAGCGCTTTCTTCCCAGCAACCG
TAGCCTAGAAGACCACCGCTTCGAGAACACGCCGAGATCTCTATCCGCTCCCTGGACGCGCTGGAGAC
TTGGCTAAGCTCTTACCTTCGACCTCAACCCGTGGGACGACAACATACTGAAGATCAAACAGGGAGCCA
AGGAGCAGCACAGCTGGGCTTCGTGCGTGCCTTCTTGACCCGCGGTGCCACCGCACAGCGCGCATCC
CTACGCGTACCTGGCGCTCAACAGCGAGGCGCGTGCAGGCGATAAAGACAGCCAGGCGCGCAGCCTGCTG
GCGCGCATCTGCCTGCCCGCGCGGGTGGCGACGCAAGAAGCTCACCGAGTCTACATCCAAGTGG
GCTTGCAGTGCAGGGCGCGGGCCGGGTGACCTCTACAGCCGCTCGTGTGCTTCCCCGCGG
CGAGCAGTTCTCGCTGTCTTCGAGCGGCCAGGGCACCCAGGTGCCCGAACGCCCGCGCGCTC
TGCGCCTCCGCTTCGCCGACGTGCAGGCGCCATTCTGTCAGCGCGCACCGCTGCTTCTGCAGCCGG
AGCAGCTGGACTGTGGAGCAGCCACCTTCAGCACCCACTGACCATCCTGCAGCCACTGAGGGCATCGCC
GGTGTTCGCTGCCAGGGCTCACGGCGTGGCTGTGGCAATGCTAACAACTACACAGCTGTCTTCTG
GGCACTGCCACGGGGAGGCTCCTCAAGATCAGCCTGAATGAGAGCATGCAGGTAGTAAGCCGGCGGGTGC
TGACTGTGGCCTACGGGGAGCCCGTGCACCATGTGCAGTTTGACCCCATGGATCCTGGTTACCTGTA
CCTGATGACATCCCACAGATGGCCGAGTGAAGTGGCGCGTGTGAGGTACACTCCACCTGCGGGGAC
TGTGTGGGCGCGCCGATGCCTACTGTGGTGGTGTACTCTGGAGACCCGGTGCACATTCAGCAGGATT
GTGCCAACTCCAGCCTGCCACATTTCTGGACCAGTGCAGTGAAGGGCCAGCCGCTGCCCTGCCATGAC
AGTACTGCCGTCTGAGATTGATGTGCACCGGACTACACGGGTATGATCTTACAGATCTCAGGAAGCCTA
CCCAGCCTCAGCGGTATGGAGATGGCTTGTGACTACGAAATGGCGTTCAACAGTGGCCGATACCCG
GCCCTGCCTATGGTCATCAGATTGCCTATTGCAACCTCCTGCCAGGGCCAGTCCCACCCCTTCTGTC
TGGCCAGGACCAGTGTGAGATGTCTGTGAGGGTCAAAGGACACAACATTGTCTCAGCAATTTT
ACCATCTACGACTGCAGCCGATTGGACAAGTCTACCCCATACAGCCTGTACCAGTGCCTGTGACAC
AGTGGCCTTGCTCCTGGTGCATCCAGTGCCTGTGTCTCAACAGTCTCGGTGCCAGGACTCACC
AAACCCTACGAGCCCCAGGACTGTCCCAGATCGTCCCTCGCCCTGGCACCTGTGCCACGGGTGGC



View online »

TCGCAAGACATCCTGGTGCCTCTGACTAAGGCCGCCTTCTCCATGGCACCTCCCTCCAGTGCAGCTTTG
 GGCTGGAAGAGAACTTTGAGGCTGTGTGGGCGAATGACTCGTGGTCCGCTGCAACCAAGTGGTGCCTGCA
 TACAACCCAGAAGAGCCAGGTGTTTCCACTGAGCCTGAAGCTGAAGGGGCCACCTGACCGATTCTAGAT
 AGTCCTAACCCCATGACAGTTGTGGTCTACAATTGTGCTATGGGCAGCCCCGACTGTTCCAGTGCCTGG
 GCCGTGAGGACCTGGGTACCTCTGTGTTTGAATGATGGCTGTGCTGAGAGGGCCCCGAGCCACT
 CTCTGGCACCTGCCAGCTCTGAAATCCGAGCGATTGAGCCTCTGAGTGGCCCCCTTGAACGGTGGGACC
 TTGCTGACCATCCGCGCAAGAACCTGGGCCGTAGGCTCAGTGACGTGGCACATGGTGTGTGGATTGGCA
 ATGTGGCCTGTGAACCCCTGGCTGACAGATACACGGTTTCAGAGGAGATCGTGTGTGCCACAGGGCCGC
 CCCAGGGGCTTCTCAGACGTGTAACGGTGAATGTCTCCAAGGAAGGCAGTCTCGGGAACAGTTCTCC
 TATGTGCTGCCAGGGTCCACTCACTGGAGCCTTCCATGGGCCAAAGGCAGGGGGCACAAGAATCACCA
 TTCACGGCAGTGACCTCAACGTGGGCTCCATGCTCCAGGTCTGGTGAACGACACGGACCCCTGCACGGA
 TCTTACGCGCACTGCCACCAGCATCACCTGCACCTGTGCCAAGGGTACCCTGCCCTCTCCAGTGCCTGTG
 TGTGTGCGCTTCGAGAGCCGGGCTGCGTGCACGAAACCTCACCTTCTGGTACATGCAGAACCCAGTCA
 TCACAGCCATCAGCCCAGGCCGAGCCCCGTGAGTGGCGCAGGACCATCACCGTGGCTGGCGAACGTTT
 CCACATGGTACAGAACGTATCAATGGCCGTACACCACATTGGCCGGGAGCCACGTTCTGCAAGTTCTC
 AACTCCACACTCATCTGCCATCCCCGGAGCCCTGAGCAATGCTTCAGCACCCGTAGACTTCTTCA
 TCAATGGCCGGGCTATGCAGACGAAGCAGCTGAGGAGCTGCTGGACCCTGCAGAGGCACAGCGGGCAG
 CCGGTTCCGCCTAGACTACCTCCCCAACCCCGAGTTCTCCACAGCCAAGAGGGAGAAGTGGATCAAGCAT
 CACCCAGGAGAGCCGCTCACCTCGTATCCATAAGGAGCAAGACAGCCTGGGGCTGGAGAGCCATGAGT
 ATCACATCAAGATTGGCCAGGTGCTGTGACATTAGATCATCTCAGACAGAGTCACTCACTGCCTCAGT
 CAACGAGTCACTGGGCACGGCCGAAGGGCAGCTGCCATCACAATCCAGGTGGGGAACCTCAACCAGACC
 ATGCCACCCTGCAACTGGGGGGCAGCAGACGGCCATCGTGGTTTCCATTGTCATTTGCAGTGCCTGT
 TACTGTGCTGTGGTTGCTGTGTTGCTTCTGCACCAAGAGCCCGCTGCTGAGCGCTATTGGCAGAA
 GACCCCTGCTGCAGATGGAAGAAATGGAGTCTCAGATCCGAGAGGAGATCCGCAAAGGCTTTGCGGAGCTG
 CAGACAGATATGACAGATCTACCAAGGAGCTGAACCGCAGCCAGGGCATCCCCTTCTGGAGTACAAGC
 ACTTTGTGACTCGTACCTTCTTCCCAAGTGTCTTCCCTCTATGAAGAGCGGTATGTGCTGCCCTCGAA
 GACCCCTCAACTCCAAGGTGGCTCCCCTCCACAGGAAACCCACCCACTGCTGGGAGAGTGAATATCCCT
 GAACACTGTGGCCAGCATGGAGGAGGAATCAGTCTGTTCTCCTCGTGTCAACAACAAGCACTTCC
 TTATTGTCTTTGTTATGCTCTGGAGCAGCAGAAGGACTTCGCTGTGCGTACAGGTGCAGCCTGGCATC
 ACTGTTGACCATTGCACTGCATGGCAAGCTGGAGTACTACACGAGCATCATGAAGGAGCTGCTGGTGGAT
 CTCATCGACGCCCTCAGCAGCCAAGAACCCCAAGCTCATGTTGCGGCGCACCGAGTCCGTGGTGGAGAAGA
 TGCTTACCAACTGGATGTCCATCTGCATGTATGGCTGCCTGAGGGAAACAGTAGGTGAGCCGTTCTTCT
 GCTGTTATGCGCCATCAAGCAGCAGATCAACAAAGTTCCATCGACGCCATCACAGGCAAGCCCGATAC
 ACACTTAATGAGGAGTGGCTGCTGAGAGAGAACATTGAGGCCAAGCCCCGGAACCTGAACGTGCTCTTCC
 AGGGCTGTGGTATGGATTCACTGAGCGTGCGGGCCATGGACACTGACACGCTGACGCAGGTGAAAGAGAA
 GATCCTGGAAGCCTTCTGCAAGAATGTACCGTACTCGCAGTGGCCGCGGGCGGAGGACGTGGACCTCGAA
 TGTTTGCCTCAAGCACCCAGAGCTACGTCTCCGGGACCTGGATGACACGTGAGTGGTGGAGGACGGCC
 GTAAGAACTGAACACGCTAGCCCACTACAAGTACCTGAGGGTGCCTCCCTAGCCATGAGCCTCACAGA
 CAAGAAGGACAATACCTGGGCCGAGTGAAGACTTGGACACAGAAAAGTATTTCCATTTGGTGTCTAC
 ACGGATGAGCTGGTAGACCTAAGAAGTCTCACCGGCAGAGCCACCGCAAGAAAAGTGTGCCAGAGATCT
 ACCTGACCCGCTGCTGTCCACCAAGGGCACACTGCAGAAGTTCTTGGATGATTTGTTCAAGGCTATCCT
 GAGCATCCGAGAGGATAAGCCCCGCTGGCCGTCAAGTATTTCTTTGACTTCTAGAGGAACAGGCGGAG
 AAGAGAGGCATCTCTGACCTGACACCTTGACATCTGGAAGACCAACAGCCTTCCCCTCCGCTTCTGGG
 TGAACATCTTAAAAATCCCCAGTTTGTCTTTCGACATAGAGAAGACAGACCACATCGATGCCTGCCTGTC
 TGTCATCGCCAGGCCCTCATAGATGCCTGCTCCATCTCTGACCTGCAGCTGGGCAAGGACTCACCCACC
 AACAGCTTCTGTACGGAAGGAGATCCCCGAGTACCGGAAGATTGTACAGCGCTATTACAAACAGATCC
 AGGACATGACGCCACTCAGCAGCAGGAAATGAACGCACACCTGGCTGAGGAGTCCCGGAAATACCAGAA
 TGAGTTCAACACAAATGTGGCCATGGCTGAGATCTATAAATATGCTAAGAGGTATCGCCACAGATCATG
 GCTGCCCTGGAGGCCAACCCACTGCCCGCAGGACCCAGCTGCAGTACAAGTTTGAACAGGTGGTGCCT
 TGATGGAAAATAATATCTATGAGTGTTACAGCGAGGCC**TGA**

AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC

TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-RsrII

ACCN:

NM_001107881

Insert Size:

5151 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_001107881.1](#), [NP_001101351.1](#)

RefSeq Size:

6104 bp

RefSeq ORF:

5151 bp

Locus ID:

312652

Cytogenetics:

4q42