

Product datasheet for **RN217302**

Ptchd1 (NM_001191734) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ptchd1 (NM_001191734) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ptchd1
Synonyms:	RGD1564527
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN217302 representing NM_001191734
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGCGGCAGGTTCTGCACAGGGCTTGAGGACGTGTTTCTCCGGCTTGCCACTTCATTGCCAGTC
 ACCCGGTCTTCTCGCTTCGGCGCCGGTCTCATCTCCATCCTGCTCGGGCCAGCTTCAGCCGCTACCA
 GGTGGAAGAGAGCGTGGAGCACCTGCTGGCGCCCCAGCACAGCCTAGCCAAGATCGAGCGCAACCTAGTC
 AACAGCCTATTCCCGGTCAACCGCTCCAAGCACCGGCTCTACTCGGACCTGCAGACCCCTGGGCGTACG
 GCCGGTCAATTGTACCTCCTACCAGAAAGCCAACATGCTAGACCAGCATCACACGGACCTGATCTTAAA
 GTTGCACACTGCTGAACCAAGATCCAGGTTCCAAGGCTGGCTTAACTATACATTTGCCACATATGT
 GTCCTGAATAATGATAAGACTTGCATTGTGGATGACATAGTACACGTCTGGAAGAGCTAAAGAATGCTC
 GGGCCACCAATCGGACCAATTTTGCTATCACATATCCGATCACTCACTTAAAGGATGGAAGGGCTGTCTA
 TAATGGGCACCAACTGGAGGTGCTACTGTGCACAGCAAGGATCGGGTGAATCTCGGAGGCCATTGAG
 CTCACCTACTATCTGCAATCAATCAACAGTCTCAATGACATGGTAGCTGAGAGGTGGGAGTCCAGCTTCT
 GCGACACTGTCAAATATTCCAGAAATCCAACAGCAAAGTCAAAAATACCCGTACACATCCTCATCACT
 GAGGGAAGATTTCCAGAAGACCAGCCGTGTGCAGAACGTTACCTGGTACCAGTCTGATCCTTGTAGTC
 ACCATGGCCATTCTGTGCTGCTATGCAGGACTGTGTCGCAGCAAACCTGGTTAGGCCTACTTGGGT
 TGGTGACCATAAGCCTAGCCACTCTCACTGCAGCTGGAATCATCAATCTTACTGGTGAAAAACAATTC
 CACCTTCTGGGAGTCCCTTTGCTATGCTAGGTATGGATTATACGGGACTTTTGAATGTTATCCTCG
 TGGAGAAAACTAGAGAGGACCAACATGTTAAAGAGCGAACTGCAGAAGTCTATGCAGACTGCCTCTCT
 CTTTCTCTCACCAGTCCATGTACTTGGTCACTTTGGCATAGGGGCCAGCCCTTTCACGAACATTGA
 GGCAGCCAGGATTTCTGCTGCAATTCCTGTATTGCAATCCTCTTCAACTACCTCTATGTACTCTCATT
 TACGGTCCAGCCTTGTGTTCACTGGCTACATAGAAAACAATTACCAGCATAGTATATTCTGTAGAAAAG
 TTCAAAGCCTGAGGTATTACAGGAGAAGCCAGCATGGTATAGGTTTCTTCTGACAGCTAGATTCAGTGA
 GGACACAGCTGAAGGTGAGGAAGCAAACACTTATGAGAGTCATTTATTGGTATGTTTCTCAAACGTTAT
 TACTGTGACTGGATAACCAACACCTATGTCAAGCCTTTTGTAGTCTCTTTTACCTATTTATATTTCT
 TTGCCTAATGGGCTATCTGCAGGTGAGTGAAGGGTGCAGCCTTAGTAACATCGTAGCAACTGCAACACA
 AACCTTGTAGTACACTACTGCCACAAAAGTACTTTAACTACAGTCTGTTATTGGGTTTTACATA
 TATGAGTCCATAGAATATTGGAAGTCTAGTGTCCAAGAAGATGTTCTAGAGTACACTAAGGGTTTTGTGC
 GGATATCCTGGTTTGAAGCTATTTAAATTATCTTCGAAACTCAATGTGTCCACTGACTTGCCTAAGAA
 AAATTTACAGACATGTTGAGAAATTCCTTCTGAAAGCTCCTCAATTTTACATTTTCAAGAGGACATC
 ATCTTCTCAAAAAATACAATGATGAGGTTGACGTAGTGGCCTCTAGAATGTTTTTGGTGGCCAAGACTA
 TGGAAACAAACAGAGAAGAACTTATGATCTCTTGGAGACCCTGAGGAGGCTTTCAGTCACTCCAAGGT
 GAAGTTCATTGTCTTAAATCCGCTTTTGTGTACATGGATCGATATGCCTCCTCTCTGGGAGCCCCCTG
 CAACTCCTGCATCAGTGCTTTGTTCTGCTCTTCTTCTCGGCATTCTGGTAGCAGATTTCGCTGATTA
 ATGTCTGGATCACTCTAACGTTGTGTCTGTGGAGTTGGAGTATAGGCTTTCATGACATTATGGAAGT
 CGAACTGGATTGATTTCTGTGCTATGCTTAATTTATGGAATTAACACACAATTGATAACTGTGCTCCA
 CTGTTATCCACATTTGCTAGGCAAGGATTTTACAAGAATAAATGGGTAAAAAATGCCCTGGAAGTGC
 ATGGGGTAGCTATTTTACAGAGTTACCTCTGTTATATTGTTGGTCTATTTCTCTCGCAGCTGTGCCTT
 AAATCTGACCTGTACACTGTTCAAGTGCTGTTTTTAAATAGCATTGTACCTTCTTCTACTGCTTTGCC
 ATTTTACCTGTGATACTGACTTCTGCCACCCTCTAAGAAAAAAGGAAAGAGAAGAAAAATCCTGAAA
 ACCGGGAGGAAATTGAGTGTGTAGAAATGTTGGATATTGACAGTACTCGAGTGGTTGACCAATTACCAC
 AGTGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_001191734

Insert Size:	2667 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:	<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_001191734.1</u> , <u>NP_001178663.1</u>
RefSeq Size:	2676 bp
RefSeq ORF:	2667 bp
Locus ID:	317517
Cytogenetics:	Xq21