

Product datasheet for RN217677

Plch1 (NM_001191707) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Plch1 (NM_001191707) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Plch1
Synonyms:	Plcl3; RGD1561991
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN217677 representing NM_001191707 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAGTGAATGCAGTCCGGGACACAGATGATCAAGCTGAAGCGTGGCACCAAAGGTCTCGTTCGCCTCT
TTTACCTGGATGAACACCGGACCCGCTTCGATGGCGACCCTTAGGAAGAGTGAGAAGGCAAAAATACT
TATTGATCCATCTACAAAGTCACCGAGGGCAGGCAGTCTGAAATTTCCACAGACAGGCTGAGGGGAAC
TTTGATCCAGCTGCTGCTTACCATCTACCATGGCAACCACATGGAGTCCCTGGACCTCATTACCTCCA
ACCCAGAGGAGGCACGCACCTGGATCACGGCCTCAAGTATCTGATGGCTGGCATCAGTGATGAAGACTC
CCTTGCCAAGAGGCAAAGGACCCATGACCAATGGGTGAAGCAGACCTTTGAGGAGGCTGATAAGAATGGT
GATGGCTTATTGAATATTGAAGAGATTCACCAGCTGATGCATAAACTAAATGTCAATCTGCCTCGAAGAA
AAGTCAGGCAAAATGTTTCAGGAAGCGGACACAGATGAGAATCAGGGGACCTTGACATTTGAAGAGTTCTG
CGTTTTTTACAAAATGATGTCATTGAGACGAGACCTCTATTTGCTGCTCTTGAGCTACAGTGACAAGAAA
GACCACCTTACTGTGGAGGAGCTAGCTCAGTCTTGAAGGTGGAACAAAAGATGAGTAATGTCACACTGG
ACTATTGTCTGGACGTCATAAAGAAGTTTCAAGTTTCTGAAGAAAACAAAGTGAAAAACGCTCCTCGGTAT
AGAAGGTTTTACGAACCTCATGCGTAGCCCTGCTTGATGATTTAACCCCTTTGCACCATGAAGTATAC
CAAGACATGGATCAGCCTCTCTGCAATTACTACATTGCTTCTTCTCATAACACATACCTGACTGGGGACC
AGCTCCTTTCTCAATCCAAAGTGGACATGTATGCACGGGTGCTACAAGAGGGATGTCGATGCGTGGAAAT
TGACTGTTGGGATGGCCAGATGGAGAGCCAGTGGTCCACCATGGTTATACTCTCACTTCAAAAATTCTC
TTCAAAGATGTTGTGGAGACCATCAACAAGCATGCATTTGTTAAAAATGAGTTTCCCGTTATACTGTCCA
TTGAGAACCAGTGCAGTATTCAGCAGCAGAGGAAGATTGCTCAGTACCTGAAAGGAATATCCAGGACAA
ACTGGACCTGTCATCTGTAGACACAGGAGAGTGCAGGCAGCTTCCAAGCCCTCAGAGTCTGAAAGGCAAA
ATCCTGGTGAAGGCAAGAAGTTGCCATATCACCTTGGGGATGATGCAGAGGAAGGAGAAGTGTCCGATG
AGGACAGTGCAGATGAAATTTGAAGATGAATGCAAGTTCAAGCTGCATTATAGTAACGGGACCACTGAGCA
CCAGGTAGAATCTTTACACGAAAAAGCTGGACTCACTGTTGAAGGAGTCTCAGATTCCGAGACAAGGAA
GACCCAGACAGTTTACAGTGAGGGCGTTACTCAAGGCTACACATGAAGGCTTAAATGCACACCTGAAGC



[View online »](#)

AGAACCTGGATGTGAAGGAAAGTGGAAAGAAGTCCCATGGGCGATCCCTGATGGCCAACCTTTGGGAAACA
 CAAGAAAACCTCCAAAATCACGTTCTAAATCCTATAGTACTGATGATGAGGAAGATACACTACAGAATCCT
 GGCAAGGAGGGAGGCCAGCTGTACAGGCTGGGCCGCCGAAGGAGAACCATGAAACTCTGCAGAGAGCTCT
 CGGACTTGGTGGTGTACACAACTCTGTGGCAGCCAGGATATTGTGGATGATGGGACCACAGGGAATGT
 GTTGTCCCTCAGTGAAACAAGAGCACATCAAGTGGTTCAGCAGAAGTCAAGCAGTTCATGATCTACAAC
 CAAAAACAGCTCACGAGGATTTACCCCTCTGCCTACCCGATCGATTCCAGTAACTCAACCCTCTGCCCT
 ACTGGAATGCGGGCTGCCAGCTAGTGGCTCTGAACTACCAGTCTGAAGGGCGAATGATGCAGATAAATCG
 AGCAAAATTCAAAAGCAAACGGCAACTGTGGCTACATTCTCAAGCCCAGCAAAATGTGCAAAGGAACATTC
 AACCCCTTGTCTGGTGACCCACTTCTGCCAACCCAAAAAACAGCTCATACTGAAAGTGATCAGTGGAC
 AGCAACTCCCAAAACCCCTGACTCTATGTTTGGAGACCGAGGCGAGATCATTGACCCTTTTGTGAAAGT
 TGAAATTATTGGGCTTCTGTAGACTGTTGCAAGGACCAAACTCGTGTGGTGGATGACAATGGATTTAAC
 CCTGTGTGGGAAGAAACCCTAACTTTTACAGTTCACATGCCAGAAATAGCTTTGGTTCGATTTCTGTGT
 GGGATCATGATCCTATCGGAAGAGACTTGTGGGACAACGGACCGTGACCTTCAGCAGCCTCGTGCCTGG
 CTACCCGCATGTCTACCTGGAAGGCCTCACAGAAGCGTCTATTTTCGTTACATAACAATCAATGAGATC
 TTTGGAAGAACAGACAGCTCCAAGGCTTGAAGGGACTGTTCAATAAGAATCCCAGGCACGGTTCTTCAG
 AAAATAACTCCCATTATGTTTCGGAAGCGATCAATTGGAGATAGAATTCTGCGACGTACAGCCAGTGCCTC
 AGCCAAAGGCAGGAAAAAGAGCAAAAGTGGGCTTCCAAGAAATGGTTGAGATAAAAGATTCTGTCTGTGAG
 GCTACAAGAGATCAAGATGGTGTCTGAGGAGGACCACACGGAGTCTGCAACTGCGCCCTGTCTCTATGC
 CTGTTGACAAGAACCCTTCTGGGGCTTTGTCACTGCCTATCTCTGAAGCAGCAAAAAACACAGATGGAAA
 AGAAAATCTCTGGCAGAGGACAAGGATGATGGAAGAAAGGGGCCAGCAACTATAAAAGACCCACATTTT
 TCCAATTTCAACAAAAGTTATCCTCCTCCTCCAGTGCCTCCTCCACAAAGATGCCAAAAACCAAGGGC
 CAACAGCCAGTGTATCAAACCCAGAACAGTGTGGAGGACTAGGTTTAAAGAGTGGGAGAATCAAACCACA
 TATGACAAATGATTGCCAGGAAAACCGCAGTCCCAAAACTTCTCTCTCCAAGGAAGCATTTGGCACTT
 GATCCCGCAACCAAGGGACTGCAAGATCTGCATGGAATGAGAAGTGAATAAGGAGCAGGAGCGTGCCA
 AGGGCTTTGTGGGAAGGAAAAGCACGCAGAGCGAAAGTGTCTTTCTCAAAGTCTCTGGAGGTGGAGAA
 TCTGGAAGGCAGCAAGGCCAAGGGCAGAGCTGCAACGTCCTTTTCTCTCCGATGTCTCTGCACCTGT
 TCTGACATTCTGATTTGCATTCAACTGCCATTCTGCAGGACACTGAAATTTCCGATCTCATTAATGATG
 TGACTTTAACAAATGCAATGAGTCGGGCAGTTCATCTCAGCACTGATCGGCCAGTTTGAAGAGAGCAA
 CCATCGGGCTAACGTTGCCGTGGTTTCTCGTCTCCTTAGCACCAGTGGGACATCAGAAGGTGTGCTTTG
 CCAGTCGGTGGGCTACAACACCCATCAAGAATGGCTTTTCCAGGGGAAGCACAAGGCCTCCTTCT
 TGTGCTCATCTCCTGAGTTGAACAAGCCCTCTAGTGCAGAAACCCAAACTGGCAAATAACACAGTTGC
 CTGTGGAGTGATTGGCTCTCCCATCTCTACACCAAGCCAGGTGATGACGCTTCTGATAAAGCCAAGACA
 AGGGTCACGGAAGACAACCTGCCTGATTCCTGATGCTTTTCTGGCCAGTTTCCCAAGCCCAACCC
 ACGGAGAGGACCATAGGCAAGTATGAGCAGCCCTGCTCTCTCCATGCCGTTGGCCATGGAAGATACAAC
 AGCTGACCCCGCTCTCTGTATAAATCTGAGGAGAGCAGTCTTGTGGAATTTGATGGAGACTCTGAAAGC
 CTATCTCTAACAGCCTGTGACTATGGGGAAGAAGCTCTGAGTCAACTGTTTTCTCCACTAAAAGTGCAGC
 AGAGCCAGGAGACGGTGGAAACACATCCAGAAAGGCTTGAAGCAATGGCTACTGTAAGAGACTCTCCTCCC
 TTCTGAAATATTAACAATATTCAGGTGTCAAAAATCAGAGTATTTCTCATCTAACCTATCAGGGTGCT
 GGCTTTGTGATAACCAATTTCTCAAGTTCAGATGCAAAAACGAACCAAACTGTGGGGCCAGCAGCCTA
 GGGCTCCAGATATGCATGTCCTACACCCACACCCTCGACACATGCCCTTTGGCTGCTTTGAAACTGCC
 AAGCCCATGCAAATCCAAAAGTCTGGGGACTTAACATCAGAGGACATTGCCTGCAATTTTGAAAGCAAA
 TACCAATGTATTAGTAGGAGTTTCGTGACAAAACAGCATTAGAGACAAGAGCGTACTATGAAGACAAAGT
 CATTGAGCCTCTAGATGCCCTAACTGAACAGCTCCGGAAGCTGGTGTCTTTGACCAAGAAGACAGCTG
 TCAAGGGTTATACTCAAAGCAGGATGTCAATCAGTGTCCAGGGCCTTAGTCAGAAAGTTGTCTCTAGA
 AGTCAGAGCAGAGTTCGCAACATTGCTAGTCGTGCCAAGGAGAAGCAGGAAGCTGGCAAGCAAAAAGCTA
 TGACTCAGAACCCAGAGGAGGAGTGGTCTTAGAAGTAAACCGCAGCTCCTACTCTGGCTGTGAACCG
 TCACTCCACGGGCTCATACATTGCAAGCTACCTGAGGAACATGAAAGCTAGTGGCCTAGAAGGTCGCGGC
 ATCCCAGAGGGAGCATGCACAGCCCTTCGCTACGGCTACATGGACCAGTCTGTTTCAGACAATTCAGTTC
 TGCAGACTGAGCCAAGCAGTGAAGATAAACCCGAAATTTATTTCTTTTGAGGCTTTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001191707
Insert Size:	4959 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_001191707.1</u> , <u>NP_001178636.1</u>
RefSeq Size:	5623 bp
RefSeq ORF:	4959 bp
Locus ID:	310463
Cytogenetics:	2q31