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Product datasheet for RN211471

Ptch1 (NM_053566) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ptch1 (NM_053566) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ptch1
Synonyms:	Ptch; Ptch2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN211471 representing NM_053566 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGGCCTCGGCTGGTAACGCCGCCGGGGCCCTGGGCAGGCAGGCCGGCGGCGGGAGGCGCAGACGGACCG GGGGACCGCACCGCGCCGCACCGGACCGGGACTATCTGCACCGGCCCAGCTACTGCGACGCCGCCTTCGC TCTGGAGCAGATTTCCAAGGGGAAGGCTACTGGCCGGAAAGCGCCGCTGTGGCTGAGAGCGAAGTTTCAA AGACTCTTATTTAAACTGGGTTGTTACATTCAAAAGAACTGCGGCAAGTTTTTGGTTGTGGGTCTCCTCA TATTTGGGGCCTTCGCTGTGGGATTAAAGGCAGCTAATCTCGAGACCAACGTGGAGGAGCTGTGGGTGGA AGTTGGTGGACGAGTGAGTCGAGAATTAAATTATACCCGCCAGAAGATAGGAGAAGAGGCTATGTTTAAT CCTCAACTCATGATTCAGACTCCAAAAGAAGAAGGCGCTAATGTCCTGACCACAGAGGCCCTACTACAAC ACCTGGACTCAGCACTCCAGGCCAGCCGTGTGCACGTCTACATGTATAACAGGCAATGGAAGTTGGAACA TTTATGCTACAAATCAGGGGAACTTATCACAGAGACAGGCTACATGGATCAGATAATAGAATACCTTTAC CCTTGCTTAATCATTACACCTTTGGACTGCTTCTGGGAAGGGGCAAAGCTACAGTCCGGGACAGCGTACC TCCTAGGTAAGCCTCCTTTACGGTGGACAAACTTTGACCCCTTGGAATTCCTAGAAGAGTTAAAGAAAAT AAACTACCAAGTGGACAGTTGGGAGGAAATGCTGAATAAAGCCGAAGTTGGCCATGGGTACATGGACCGG CCTTGCCTCAATCCAGCCGACCCAGATTGCCCTGCCACAGCCCCCAACAAAAATTCAACCAAACCTCTTG ATGTGGCCCTTGTTTTGAACGGTGGATGTCAAGGTTTATCCAGGAAGTATATGCATTGGCAGGAGGAGTT GATTGTGGGTGGCACCGTCAAGAACGCCACTGGAAAGCTTGTCAGCGCTCATGCCCTGCAAACCATGTTC CAGTTAATGACTCCCAAGCAAATGTATGAACACTTCAGGGGCTACGACTATGTCTCTCACATCAACTGGA ATGAGGATAGGGCTGCCGCCATCCTGGAGGCATGGCAGAGGACTTACGTGGAGGTGGTTCATCAAAGTGT TGCCCCAAACTCCACTCAAAAGGTGCTTTCCTTCACCACCACGACCCTGGACGACATCCTAAAATCCTTC TCTGATGTCAGTGTCATCCGAGTGGCCAGTGGCTACCTACTGATGCTTGCCTACGCCTGTTTAACCATGC TGCGCTGGGACTGCTCCAAGTCCCAGGGTGCCGTGGGGTTGGCTGGTGTCCTGTTGGTTGCACTGTCAGT GGCTGCAGGATTGGGCCTCTGCTCCTTGATTGGCATTTCCTTTAATGCTGCAACAACTCAGGTTTTGCCA TTTCTTGCCCTTGGTGTTGGTGTGGACGACGTCTTTCTCCTGGCCCATGCATTCAGTGAAACGGGACAGA

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GTGAGGAGAGGCCGTGGGGGAGCAGCTCCAACTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_053566

Insert Size: 4305 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_053566.1, NP_446018.1
RefSeq Size:	4305 bp
RefSeq ORF:	4305 bp
Locus ID:	89830
Cytogenetics:	17p14
Gene Summary:	human homolog acts as a receptor for sonic hedgehog [RGD, Feb 2006]