

Product datasheet for **RN213051**

Hook1 (NM_001107946) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hook1 (NM_001107946) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hook1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN213051 representing NM_001107946
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGAGGACCCGAGCCGCTGCCACAGCCTGAGCTGCCGCTGTGTGACAGCCTCATCATCTGGCTGCAGA
 CATTTAAGACTGCCTCACCTGTCAAGATGTCAAACAGCTGACTAATGGAGTGACCATGGCACAAGTTCT
 TCATCAAATTGACGTAGCTTGGTTCAAGCAATCTTGGTTAAGCCGAATTAAGATGATGTTGGAGACAAC
 TGGAGAATAAAGGCTAGTAACCTAAAGAAGGCTCCATGGAATTACAAGTTACTATCATGAGTTTTTGG
 GGCAGCAGATTTCTGAAGAATTATTCTGATTTAAATCAAATAACTGAGAGCTCAGATCTGTGGAGCT
 TGGGAGATTGCTTCAGCTAATTCTAGGATGCGCAGTCACTGTGAGAAGAAACAAGAACATATTAATAAT
 ATAATGACCTGGAAGAATCTGTCAACATGTGGTCATGACTGCAATTCAGGAGTTGATGAGTAAGAAA
 TAGTGAGCTCTCTGCAAGTGACGCTGTAGGAGAATTAGAGCAGCAGCTAAAAAGGGCTTTAGAAGAGCT
 TCAGGAGGCCCTAGCAGAAAAGGAAGAGCTGAAGCAGAGGTGCCAGGAATGGATATGCAGGTAAGTCA
 CTTGAGGATGAGAAGAATTCCTGGTCTCTGAGAATGAGATGATGAATGAAAAGCTTGACCAATGGATG
 GCTCTTTTGATGACCCAAATACAATGGTTGCAAAGAAGTATTTTACGTACAGCTGCAACTAGAACAAAT
 ACAAGAAGAAAATATAGACTTGAAGCTGCAAAAGATGATTACCGTGTCTACTGTGAGGAAGTGGAAAAG
 CAGCTGATTGAATTTCAACAGGACGATGAGCTGACGAGCCTTGTGAGGAGACCAAGCCCTAAAAG
 ACGAGATAGATGTTCTTAGGGCTACCTCAGACAAAAGCAATAAGCTGGAGTCAACAGTGGAGGTGTATCG
 TCAGAAGCTCCAGGACCTAAATGACCTCCGCAAGCAGGTGAAATCCTTACAGGAGACAAATATGATGTAT
 ATGCACAACACTGTGAGCTTGAAGAAGAGCTGAAGAAGGCCAATGCAGCTCGTGCACAGCTAGAGACCT
 ATAAGCGCCAGGTTCAAGACCTTCACTAAGCTTTCTCTGAATCCAAAAGGGCAGATACACTAGCATT
 CGAAATGAAGAGGCTTGAAGAGAAACACGAACTTTACTCAAGGAAAAAGAGCGATTGATAGAACAGCGT
 GACACTCTGAAAGAGACGAATGAGGAGCTGCGGTGCTCAAAGCACAACAGATCACCTAAATCAAGCTG
 ATTCATCTGCTACAAAAGTTATGAAAATCTTGCTGCTGAGATCATGCCAGTGGAGTACAGAGAGGTGTT
 CATTGACTCCAGCATGAAAACAAATGCTTCGCCTGCAGCAAGAAGGGACGGAGAATGAGCGCATCGAG
 CAGCTGCAGGAGCAGTTGGAACAGAAACACCGCAAGATGAACGAGCTGGAACTGAGCAAAGGTTGAGCA
 AAGAGCGCATTGGAGAACTACAGCAGCAAATTGAGGACCTCCAGAAGTCGTTACAAGAACAGGGCTCTAA
 GTCTGAAGGTGAAAGTTCCAGCAAATTAAGCAGAAGTTGGAAGCTCATATGGAAAACTAACAGAAGTC
 CATGAAGAATTACAGAAGAAACAGGAGCTCATTGAAGACCTTCAGCCAGATATAAGTCAGAATGCCCAA
 AGATCAGTGAAGTTGAAGCGGCTTTCAGAAGAAAGATGAAGACATGAAAGCGATGGAGGAGAGATACAA
 AATGTACTTAGAGAAAGCCAGGAATGTCATTAAACTTTAGATCCCAAATTAATCCAGCATCAGCAGAA
 ATAATGTTACTGAGAAAGCAGCTGGCGGAGAAGGACAGAGAATTGAAATTTAGAGAGTGAATGTAAG
 TGGCAAATTCAGGGATTATGAGGAAAACTCATTGTTTCTGCCTGGTATAACAAGAGCCTGGCCTTTCA
 GAACTGGGCATGGAATCTCGGCTGGTGAGCGGTGCTAGTGCTTGCAAAGACAGCGTCGCGGCTGCTCCC
 GCGCGCTCCTTCTAGCACAGCAGCGGCACATCACCAGCACCCGAAGAAACCTCTCTGTGAAAGTCCCAG
 CTGCGGCGTCTGACTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001107946
Insert Size: 2187 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:	<u>NM_001107946.1, NP_001101416.1</u>
RefSeq Size:	5475 bp
RefSeq ORF:	2187 bp
Locus ID:	313370
Cytogenetics:	5q33