

Product datasheet for **RN217140**

Hook2 (NM_001100562) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hook2 (NM_001100562) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hook2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN217140 representing NM_001100562

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGAGTATGGACAAGGCCGAGCTATGCGGGTCTCTGCTCACCTGGTTGCAGACGTTTCAAGTTTCGCCCC
CCTGTGCCAGTCCCCAGGACCTGAGCAGCGGACTCGCCATAGCCCATGTGCTGAATCAGATAGACCCTTC
CTGGTTCAACGACGATGGCTCCAAGGCATCTCAGAGGACCCGAGTCCCAGCTGGAGGTTGAAGGTCAGG
AAGCTGGAGAGGATCCTACAGAGCTTGGTGAATACTCAAAGGATGTTCTGGGGCACCCTGTGTACATC
AGCATCTTCCAGATGTGAGCCTCATCGCGAGTTCTCAAACCCCGCAGAAGCTCGGCAAAGCTTTCAGTT
GGTACTGGCCTGTGCTATCAGTTGTGAGAAAAAGCAGGAGTATATCCAAAGAATTATGATGCTGGAGGAA
TCTGTTCAACATGTTGTGATGGAAGCCATCCAGGAGCTCATGACCAAAGACACCTGATTCCCTGTCAC
CAGAGAATTACGGGAACCTTGTACACAGTCCCGCAGGTAATTTCTGAGCGAGGAGGTGGAAGAGGG
TGCGGATCTTCAGCAACACTACCTGGATCTGGAGCGGCAGCTTGTCTCCTTTCAGAGGAGAAGCAGAGT
CTGGCACAAGAGAATGCTGCCCTACGGGAGAGGGTGGGCCGGTCGGAAGTGGAGAGTGCCTCAGGCCCTCA
CCGCCAAGAAGCTGTTGCTTCTGCAGTCACAGCTAGAACAGCTCCAGGAGGAGAATTTTCAGGCTGGAGAG
TAGCCGGGAAGATGAGCGGCTACGCTGCGTGGAAGTGGAGCGTGAGGTCGCTGAGCTGCAGCAACGGAAC
CAAGCCCTGGCCAGCTTATCCCAGGAGGCGCAAGCGCTGAAGGATGAGATGGATGAGCTCCGACAGTCTCT
CCGAACGTGCAAGGCAGCTGGAGGCCACTCTGAACAGCTGCCGTCGTCGCTGGGTGAGCTCCAGGAGCT
CCGGCGGCAGGTGCGGCAGCTGGAGGAGCGAAATGCAGGGCACGCGGAGCGCACGCGGCAGCTGGAGGAT
GAGCTGCGCCGGGCCGGATCCCTGCGTGCCAGCTCGAGGCTCAGCGCAGGCAGGTAAGGCAGATGCAAG
AGTTGCAGGGCCAGTGGCAGGAGGAGCCATGAAGGCTGAGAAGTGGCTGTTTCAATGCCAAACCTAGA
GGAAAAGTGTGACCTGTTGACAAAAGAGAAGGAGCGGCTGTTGACTGAGAGGGGACTCCCTGAGGGAGACC
AATGAGGAGCTCCGATGTGCCAGTTGCAGCCAGGGGATTGAATCAGGCTGGCCTCTCCCTGGATCCTA
CCCCTTCTGGCCTGGAGAAGCTTAGCAGCAGAGATCCTGCCTGCAGAGCTCAGAGAGACACTCGTGGCGCT
TCAGCTGGAGAACAAGAGACTGTGCCAGCAAGAGGCTGCGGACCGGGAGCGACAGGAGGAAGTGCAGCGC
CACCTGGAGGAGGCCAACCTGCACGCCATGGGCTGGAAGCGCAGCAACGGCTGAACCAGCAGCAGCTTT
CTGAGCTGAGGGCCAGGTGGAAGAGCTACAGAAGGCTTGCAGGAGCAGGGGGCAAGACAGACGACCC
CACCTGCTGAAGCGGAAGCTGGAGGATCATCTGAGAAGCTGCATGAGGCTGATCTGGAGCTTCAGAGG
AAACGGGAATACATTGAGGAGTTGAGCCTCCACGGACAGCAACACTAGGCGGATCGAGGAGCTGCAGG
ACAGTCTGCAGAAGAAGGATGCAGACCTGCGGGCCATGGAGGAACGATACCGCCGCTACGTGGACAAGGC
ACGCACGGTCATTGAGCCCTGGAACCCAGCAGAGGCCACCCAGTGTGGTGTCCCCAGAATTCCATACT
CTAAGGTCACAGCTCTGGGAGCGGAACATGCGAATACGGCAGCTGGAGATGGACTATGAGAAGAGTCGGA
GTGCGCAGGAGCAGGAGGAAAAGCTGCTCATCAGTGCCTGGTACAGCATGGGCATGGCCTTGAGCATCG
GGCTGGGGAAGAGCATGCCCCGCCCCATGCCAGTCTTCTGCGCACAGCAAAGACTGGCCACCAATGCT
CGCCGAGGACCCCTGGGGCGCCAGGCATCTCTGAGCCTTCGCCCCACTGACAAGCACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001100562

Insert Size:

2160 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:	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_001100562.1</u> , <u>NP_001094032.1</u>
RefSeq Size:	2613 bp
RefSeq ORF:	2160 bp
Locus ID:	304669
Cytogenetics:	19q11