

## Product datasheet for **RN204771**

### Hook3 (NM\_001136098) Rat Untagged Clone

#### Product data:

|                           |                                         |
|---------------------------|-----------------------------------------|
| Product Type:             | Expression Plasmids                     |
| Product Name:             | Hook3 (NM_001136098) Rat Untagged Clone |
| Tag:                      | Tag Free                                |
| Symbol:                   | Hook3                                   |
| Mammalian Cell Selection: | Neomycin                                |
| Vector:                   | pCMV6-Entry (PS100001)                  |
| E. coli Selection:        | Kanamycin (25 ug/mL)                    |



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**Fully Sequenced ORF:** >RN204771 representing NM\_001136098  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTTTAACTGGAGTCTGTGGAGCGGGTGGAGCTGTGCGAGAGCCTGCTCACTTGGATCCAGACCTTTA  
 ATGTGGATACACCATGCCAGACGGTGAAGACTTAACAAATGGGGTTGTGATGTCCAGGTTCTTCAGAA  
 GATAGATCCTGCATATTTTCGATGATAATTGGCTGAACAGAATCAAGACTGAAGTAGGAGACAACGGAGG  
 TTAAGATTAGCAACTTAAAGAAAATTTTAAAGGCATCTTGATTATAATCATGAGATTTAGGGCAGC  
 AGATTAATGATTTTACCCTTCTGATGTGAACCTTATTGGGGAGCATTCCGATGCAGCAGAGCTCGGGAG  
 GATGCTCCAGCTCATTCTAGGCTGTGCTGTGAACCTGTGAACAGAAGCAAGAGTACATTCAAGCCATTATG  
 ATGATGGAGGAGTCTGTTTCAGCATGTGTCATGACAGCCATCCAAGAGCTAATGAGTAAAGAGTCTCCCG  
 TCTCTGCTGGAATGATGCCTATGTTGATCTCGATCGCCAGTTGAAGAAAACACAGAAGAACTAAATGA  
 AGCTTTGTGAGCAAGGAAGAAATGCTCAAAGGTGCCATGAATTGGATATGCAGGTTGCAGCACTGCAA  
 GAGGAGAAGAGTAGTTTATTGGCAGAAAATCAGATATTAAATGGAACGACTCAATCAATCTGATTCTATAG  
 AAGATCCCAATAGTCCAGCAGGAAGAAGACATTTGCAACTTCAGACCCAGTTAGAACAGCTGCAAGAAGA  
 AACATTGAGACTAGAAGCAGCCAAAGACGATTATCGAATACGCTGTGAGGAGTTAGAAAAGGAAATCTCT  
 GAGCTTCGGCAACAGACGATGAATAACCACTTTGGCCGATGAGGCTCAGTCTCTAAAGGATGAAATAG  
 ATGTTCTCAGACACTCTTCTGATAAAGTATCTAACTAGAAGGTGAGGTGCAATCTTAAAAAGAGCT  
 GGAAGACCTTGGAGATTTGAGACGGCAGGTTAACTCCTAGAAGAGAAGAATACGATGTACATGCAGAAC  
 ACTGTGAGCTGGAGGAGGAAGTGAAGAAAGCTAATGCCGCCCGTGGTCAGCTCGAGACGTACAAGAGAC  
 AGGTTGTAGAAGTCAAAATAGATTATCTGACGAATCAAAGAAAGCAGATAAGTTAGATTTGAATATAA  
 GCGGCTAAAGGAAAAAGTTGATGGTCTTCAGAAAAGAAAGGATAGGTTACGAACGGAAGGATTCTCTG  
 AAGGAAACCATTGAAGAGCTGCGTTGTGTGAGGCTCAGGAGGGGCAGCTCACCCTCAAGGGTTAATGC  
 CTCTGGGAAGCCAGGAGTCTTCAGACAGCCTTGACAGAGATTGTACACCGGAAATCAGGGAGAACT  
 TATTCGTCTTCAGCATGAGAATAAGATGTTAAAAATCAACCAAGAGGGTTCAGACAATGAGAAAATTGCC  
 TTATTGCAGAGCCTTCTAGATGATGCAATCTTCGCAAGAATGAGCTGGAGACAGAGAACAGGCTTGGA  
 ATCAGAGACTTCTGGAAGTACAGTCACAAGTAGAAGAACTGCAAAATCTTTCAGGATCAAGGCTCAAA  
 AGCAGAAGATTGAGTCTTCTAAAAAGAGCTTGAAGAACATCTAGAGAAGCTGCATGAAGCCAACAAT  
 GAATTACAGAAAAGAGAGCCATTATTGAAGATCTCGAGCAAGATTTAAACAACAGCTCCTTAAGAATTG  
 AAGAAATGCAAGAAGCTTTACGGAAGAAAGAAAGAAATGAAGCAATGGAAGAAGCTATAAAAAATA  
 CCTGGAAGAAAGCCAAAAGTGTATCCGTACATTAGACCCTAAACAGAATCAAGGAGCAGCACCAGAAATA  
 CAGGCACTTAAAAACCAACTGCAGGAGCGCGATCGGCTCTTCCACTCATTAGAGAAAAGATATGAGAAAA  
 CGAAGACTCAAAGAGACATGGAGGAGAAATACATTGTTAGTGCCTGGTACAATATGGGGATGACACTACA  
 TAAAAAGGCGGCTGAAGACAGACTAGCTAGCACAGGTTTCAGGGCAGTCGTTTCTGGCTAGGCAAAGACAA  
 GCAACCAGCACAGAAGATCCTACCCAGGCCATGTCCAGCCAGCCACAGCCAGT**AG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001136098  
**Insert Size:** 2157 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).

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Components:</b>            | 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).                                                                                                                                                                                                                                                                                                                              |
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol> |
| <b>RefSeq:</b>                | <u>NM_001136098.1, NP_001129570.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>RefSeq Size:</b>           | 2893 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>RefSeq ORF:</b>            | 2157 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Locus ID:</b>              | 306548                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Cytogenetics:</b>          | 16q12.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |