

## Product datasheet for RN201223

### Nck1 (NM\_001106851) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Nck1 (NM\_001106851) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Nck1  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN201223 representing NM\_001106851  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGGCTGAAGAAGTGGTGGTGGGCCAAATTTGATTATGTGGCACAGCAGGAACAAGAGCTGGATATCA  
AGAAGAATGAGAGATTATGGCTCCTGGATGACTCTAAGTCTGGTGGCGAGTTCGAAATTCATGAATAA  
AACAGGTTTTGTCCCTTCTAACTATGTGGAAAGAAAAATAGTGCTCGGAAAGCATCTATTGTTAAAAAC  
CTGAAGGACACCTTAGGCATTGGAAAAGTAAAAAGAAAACCCAGTGTCCAGATACGGCATCTCCTGCTG  
ATGATAGCTTTGTTGATCCAGGAGAACGCTCTATGACCTCAACATGCCTGCTTTTGTGAAGTTAACTA  
CATGGCTGAGAGAGAGGATGAATTGTCATTGATAAAAAGGACCAAGGTGATAGTCATGGAGAAATGCAGT  
GACGGATGGTGGCGTGGCAGCTACAATGGACAAAATTGGATGGTTCCTTCAAACATGTAAGTGAAGAAG  
GTGACAGTCCCTTTGGGTGACCATGTAGGTTCTCTGTGAGAGAAGTTAGCAGCAGTTGTCAATAACCTAAA  
TACAGGTCAGTATTGCACGTTGTACAGGCTCTTACCCGTTGAGCTCATCCAATGATGAAGAACTCAAT  
TTTGAGAAAGGTGATGTAATGGATGTTATTGAAAAGCCGAAAAATGACCCAGAATGGTGGAAATGCAGGA  
AAATCAATGGCATGGTTGGCCTGGTGCAAAAAACTATGTTACCGTCATGCAGAATAATCCGCTAACCTC  
AGGTTTGAACCATCGCCTCCACAGTGTGATTACATTAGGCCCTCACTCACGGGGAAGTTTGTGGCAAT  
CCTTGGTATTATGGCAAAGTCACCAGGCCACCGAGAGATGGCATTGAATGAAAGAGGGCATGAAGGAG  
ACTTCCTCATTCCGACAGTGTGCTTCGCCAAATGATTTCTCAGTATCACTAAAAGCACAGGGAAAAA  
CAAGCATTTTAAAGTCCAGCTGAAAGAGACTGTCTACTGCATTGGGCAGCGGAAATTCAGCACCATTGGAG  
GAACTTGTAGAACATTACAAAAGGCCACCGATCTTACAAGTGAACAAGGAGAGAAATTTGATCTCGTCA  
AGCATTGTCTTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001106851



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<b>Insert Size:</b>	1134 bp
<b>OTI Disclaimer:</b>	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><a href="#">NM_001106851.2</a></u> , <u><a href="#">NP_001100321.1</a></u>
<b>RefSeq Size:</b>	1778 bp
<b>RefSeq ORF:</b>	1134 bp
<b>Locus ID:</b>	300955
<b>Cytogenetics:</b>	8q31