

Product datasheet for RN206129

Neurod2 (NM_019326) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Neurod2 (NM_019326) Rat Untagged Clone
Tag: Tag Free
Symbol: Neurod2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN206129 representing NM_019326
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGCTGACCCGCCTGTTACGCGAGCCCGCCTCCTCTCGGACGTGCCAAGTTCGCCAGCTGGGGCGACG
 GCGACGACGACGCGAGGAGCGACAAGGGCGACGCGCCCGCAGCCTCCTCTGCTCCAGGGTCAGG
 GGCTCCAGGACCCGCTCGGGCCACCAAGCCAGTGTCTCTCGTGGAGAAGAGGTCCCTGAACCCACGTTG
 GCTGAGGTCAAGGAGGAAGGAGAGCTGGGCGCGGAGGAGGAGGAAGAGGAGGAGGAGGAAGGACTAG
 ACGAGGCGGAAGGCGAGCGGCCAAGAAGCGCGGGCCGAAGAAACGCAAGATGACCAAGGCGCGCTGGA
 GCGCTCCAAGTGCGGGACAGAAGGCCAACGCGGGAGCGCAACCGCATGCACGACCTGAACGCGGGC
 CTGGACAACCTGCGCAAGGTGGTGCCTGCTACTCCAAGACGCAAGCTGTCCAAGATCGAAACGCTGC
 GCCTGGCCAAGAATACTCTGGGCTCTCTCGGAGATCTTGGCTCCGGGAAGCGCCGGATCTGGTGTC
 CTACGTGCAGACTCTGTGCAAGGGGCTGTACAGCCACCACGAATCTGGTGGCCGGCTGCCTGCAGCTG
 AACTCTCGTAACCTCCTCACGGAGCAGGGCGCGGACGGCGCGCCGCTTTCACGGCTCGGGTGGCCGTT
 CCGCCATGCATCCGTACCGTACCCGTGCTCGGCCTAGCAGGCGACAGTGCCAGGCGGCGGGCGGCTGG
 GCGGAGGCGCGGCGCACGCTGCGGACCCACGGCTACTGCGCCGCTACGAGACGCTGTACGCGGCGGGC
 GGTGGCGGCGGCCAGCCGGACTACAACAGCTCCGAGTACGAGGGTCCGCTCAGTCCCCCGCTCTGTC
 TCAACGGCAACTTCTCGCTCAAGCAGGACTCGTCCCCGATCACGAGAAGAGCTACCACTACTCTATGCA
 CTACTCGGCGTGCCTCGGCTCCCGGCCCGGGCCACGGGCTGGTCTTCCGGCTCGTGGCCGTGCGCGGG
 GCGTCCACTCGGAGAATCTCTGTCTTACGATATGCACCTTACCACGATCGGGGCCCATGTACGAGG
 AGCTCAACGCGTTTTTCCATA**ACTGA**

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII
ACCN: NM_019326



Insert Size:	1146 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:	<ol style="list-style-type: none">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_019326.1, NP_062199.1</u>
RefSeq Size:	1843 bp
RefSeq ORF:	1146 bp
Locus ID:	54276
UniProt ID:	<u>Q63689</u>
Cytogenetics:	10q31
Gene Summary:	basic helix-loop-helix (bHLH) protein; may have a role in neurogenesis [RGD, Feb 2006]