

Product datasheet for RN200610

II16 (NM_001105749) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: II16 (NM_001105749) Rat Untagged Clone
Tag: Tag Free
Symbol: II16
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN200610 representing NM_001105749
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGGATCGCC

ATGGAGCCCCACAGCCACTCTGAAAGAGCCGAAATCCACGAAATTCGCTCCATTTCCGTTCCCTGA
 TCCTCTGTAAACGCCAAGACCAGTGATGACAGCTCCAGCCCTGATGAGAAGTACCCCGACCCTTTTGAGAC
 TTCACTGTGCCAGGACAAGGAGGGCTTCTTCACTCCTCCATGCAGCTGGCAGACACATCTGAGGCTGGG
 CTCAGCAACATACCAGACTGGCACTGGCCTCAGAGGCTGCTCAACTCCAAGCAGCTGGGAGCGATCGGG
 GCAAGCACTGCAGGAAGATGTTCTTCTGAAGGAATCTTCTACAACCTCCTCTAAAGAAAAGGCTGGAAA
 ATCAGAAGCACAAAGTAGCAACTTCTGTTTCTAAAGCCTGCCACCAAAGGACACGCAGCAACTCCACC
 AGTGTTAATCCCTACAGTGCCAGAGAAATGGATTTTCCAATGACCAAGAAATCTGCAGCTCCCACCGACA
 GGCAGCCCTACTCTCTGTAGCAACAGGAAGTCCCTCTCTCAACAAGTGGACTACCCAGTTTCGGGCAC
 TGCAAGACCAACTCGGTCACTGAGCACAGCTCAGCTCGGGCAGCTGTCTGGGGTCTGCAGGCGTCAGTC
 ATTTCCAACATAGTGCTGATGAAGGGCCAGGCAAAGGGCCTGGGCTTTCAGCATTGTTGGGGAAAGGACA
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 GCTTCAGGAAGGTGATGAAATCTGGAATCAATGGTGAATCAATAGCTGGCCTAACACACCAGGATGCT
 TTGCAGAAGTTTAAAGCAAGCCAAGAAGGACTGCTGACCTGACAGTGAGGACGCGCCTGACAACACCCC
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 CAGCAGCCCTTCTCCTTGGAAAGCCAGCGTCTCCTGCCAGCACTGCCAAACCAACTACAGAATCATG
 GTGGAGGTGTCACTGAAGAAAGAGGCGAGTGTGGCCTGGGCATTGGCCTGTGCAGCATCCCCTACTTCC
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 ATCCTGAGCCACTGTGACCTGGCCAGTCCCATCATCGTTAGCCGACATCCGGACCCACAGGTGTCTG
 AACAACTCAAGGAAGCTGTGGCTCAGGCAGTGAAGGCGTCAAGTTTGGGAAGGAAAGGCACCAAGTG
 GAGCTTGAAGGTGTCAAAGGCTGGAGAGCAGTTGGCATGGGCGGCCACCTTGGAGAAAGAACGTGAG
 AAGCACTCAGCGCCCCGCATCGAAGGGCCAGAAGATCATGGTCCGATCCAGCAGTGACAGCAGCTACA
 TGTCTGGGTACCAAGGGGAAGTCCCTGCAGTGCAGGTGCGGAGCTACAGCCTTCTGAGGGGAAGGCAG
 CACACACAGCCCCAGCCTGCCCCAGGGGAGGAGCAAGAGCCGTGTCCAGGGTCCCATCCAGGCCACAT



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CAGGAGAGCCACCCCTTCTGAGAGCTTGAAAGAGACAGCCACCCACCACTGAAACTGAAGAACTCTT
 TTGAGATTTTGGTGAGAAAGCCGACATCCACCAAACCCAGCCTCCACCCAGAAAATACTTTAAAAATGA
 CAGCGAGCCTCAGAAGAACTGGAGGAGAAAGAGAAGGTCACAGACCCTTCTGGGCACACCTTGCCACC
 TGCAGCCAGGAAACCAGAGAGCTGCTGCCACTGCTGCTACAGGAAGACTGCAGGGAGAACCCTCTGCA
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 CTATCATGAGTGAGAACCATAGCCATATGCCACTACAGCCAATGCCAGCCTTGGTGAAGAGGACGGGAC
 ACAGGGCCACCCAGAGGGGGCCTGTCAAAAATGGACTGCAATGGTCTCCAGGATTTTCAAGTCA
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 AAGGTCTGAGGAATCGTGTTCAGAAAACAGAAGACCCCGGAAGTAGCTTCAGCCATTAGACAACACC
 AGTTTCTAGGGATGCCTCAGGGCCACAGTCTCAGGCCTCCTCCTCCATCCGGCAGAGAATCAGTCC
 TTTGAAAACCTTTGGCTCCTCACAATTGCCAGATAGAGGAGTCCAGAGACTGAGCCTGCAGCCACCTCTG
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 AGTAACTGCTAAACACAGGCAGACAGAGGTAGAGCCTCCATCTACAACCTCCCTAACTCCTCAGAGGTC
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 CTCTCTTGAGACTGTTGACTACAAAACTGAGGATACTCAAGGACCAGGTTTCAAGATGCCAAGTACGG
 GGCACGGAGCTTCCCCCTGACCAGGACCCAGTCTACGAGACAAAGCTGCTGGATGAAAAGTCCAGCAAG
 CTCTACTCCATTAGCAGTCACTATCCTCTGCTGTGATGAAATCCCTGCTGTGCCCTTCCATCTCAGCCT
 CTTGTGGCCAGATCAGTGCATCCCAAGGAGAGGGTGTCTCAAAGTCAACCCTGCAACAACAGCGCAGC
 TGCAGAGGGTTTTGGTGAAGCTGTGGCTCCGACACAGGGTTTTCTCAACCTTTCAGAGCTGAGAGAA
 TATTCAGAAGGTCTCACAGAACCCGGGAAACCGAGGACAGGAACCACTGTTCTTCTCAGGCCGGTCACT
 CAGTTATCTCCTTGTGAGTGCAGAAGAACTGAAAAACTCATTGAGGAAGTGAGAGTTCTAGACGAGGC
 GACACTGAAGCAATTAGACAGCATTACAGTCCAGTCTTACACAAGGAAGAAGGTGCTGGGCTTGGATTC
 AGCTTGGCAGGAGGGCAGATCTAGAAAACAAGGTGATCACGGTTCACAGAGTGTTCCAAATGGACTGG
 CTTCCCAGGAAGGCACGATTAGAAAAGGCAATGAGGTTCTTCCATCAATGGCAAATCTCTCAAGGGCGC
 TACCCACAATGATGCCCTAGCTATCCTTCGCCAAGCTCGGGACCAAGGCAAGCTGTGATTGTCACCAGG
 AAAGCAATTGTGGAGGCCGCTCATGACCTGAACCTCTACTGACTCTGCAGCATCAGCTTCAGTAGCCA
 GTGGCATTCTGTAGAATCTGTGGAGGCCACTGTCTGCACAGTACTCTGGAGAAGACCTCTGCAGGGCT
 GGGCTTACGCTTGAAGGAGGAAAGGGTCCCTGCATGGTGACAAGCCTTTACCATAAACAGGATTTTC
 AAAGGAACAGAACAAGGTGATGCGGTCCAGCCAGGGGATGAGATCTTGCAGCTCGCTGGCACTGCTGTGC
 AAGGTCTTACACGGTTTGAAGCCTGGAATGTATCAAGGCATTACCTGATGGACCTGCTACTGTAGTCAT
 CAGAAGGAACGGCCTCGAGGGCAAGCAGACGACAGCTTCTGCAGACTTGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001105749
- Insert Size:** 3972 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: NM_001105749.1, NP_001099219.1

RefSeq Size: 4985 bp

RefSeq ORF: 3972 bp

Locus ID: 116996

Cytogenetics: 1q31