

Product datasheet for **RN202556**

II21r (NM_001012469) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	II21r (NM_001012469) Rat Untagged Clone
Tag:	Tag Free
Symbol:	II21r
Synonyms:	MGC108921
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN202556 representing NM_001012469
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCACGGGGCCTGGCTGCTCCCTTACTCCTACTGATTCTCCATGGAGTTGGAGCTGCCTGGACCTCA
 CCTGCTACACTGACTACCTCTGGACCATCACCTGTGCTCGGAGACATGGAGCCCAACCCTAGCATACT
 CAGTCTCACCTGGCAAGATGAATACGAGGAACCTCAGGACAAAAGAAACATCCTGCAGCCTGCACGCTCT
 GGCCACAACACCACACATATGTGGTACACGTGCCATATGCGCTTGTCTCAATTCATGTCTGATGACGTTT
 TCACTGTCAACATGATGGACCAGTCTAGCAACAGCTCCCAAGAGTGTGGCAGCTTTGCTCGGCTGAGAG
 CATCAAGCCAGCTCCCCCTGAATGTGACTGTGACCTTCTCAGGACGATATGATATCTCCTGGGACTCA
 ATTTATGAAGAACCCTCCAACACTCGTGTGAGGGGCAAGCTACAATATGAGCTGCAGTATCGGAACCTCA
 GAGACCCCTATGCTGTGAGGCCGGTACCAAGCTGATCTCAGTGGACTCGAGAAACATCTCTCTTCTCCC
 TCAAGAGTTCCAGAAAGATTCTAGCTACCAGCTGCAGGTGCGGGCAGCACCTCAGCCAGGCATTCATTC
 AGGGGGACCTGGAGTGAGTGGAGTGACCCCATCATCTTTCAGACCCAGGCTGAGGAGCCCGAGGCAGGCT
 GGGACCCTCACGTACTGCTGCTCCTGGCTGTCTTGATCCTTGTCTGGTTTTATGGGTCTGAAGAACCA
 TCTGCCTTGGAGGCTATGCAAGAAGATATGGGCACCGGTGCCACCCCGAGAGTTTTCTCCAGCCCTG
 TACAGGGAGCACACGGGAACCTCAAGAAATGGGTTAATACCCCTTTCACGGCCTCCAGCGTGGAGCTGG
 GGCCACAGAGTCCCACAACATCAGTTTTACATCTGTCAATTGTATCCAGCCAAGGGGAAGAAGTTCTGGG
 GCCGCTGGGTCTGGAAGAACAGCTGGAGTGTGATGGAATGTCTGGACCTGGTACAAGTGCCAAGGGGTC
 TCAGCCTACAGTGAGGAGAGAGACCGCCATATGGTCTGGTGTCCATTGACACAGTGACCGTGGGGATG
 CAGAGGCCCTGGGTGCTTGGCCCTTAGCTGTGAAGATGATGGCTACCCAGCCCTGAACCTGGATGCTGT
 CCGAGAGTCTGGCCCTAACGGAGAGACCTGCTCTTGGTACAGACCCTGCTTTTCTGTCTTGTGGCTGT
 GTCTCAGGGAGTGGACTCAGGCTAGGAGGCTCCCAGGACGCTACTGGACAGGTTGAGGCTGTCAATTTG
 CCAAGGAAGGGGACTGGACAGCAGGCCACCCTGGAGAAGTGGGTCCCTAGAAGGAGGCTCTGAGAGTGA
 AGCAGGTTACCCCTGGTCTGGACATGGACACATTTGACAGCGGCTTTGACAGTTTCAGACTGCGGCAGC
 CCTGTGGAGACTGATGAAGGACCCCTCGAAGCTATCTCCGCCAGTGGTGGTCAAGACTCCTCCACCTG
 TGGACAGTGGAGCCAGAACAGCTAG

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_001012469

Insert Size: 1566 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_001012469.1](#), [NP_001012487.1](#)

RefSeq Size: 2426 bp

RefSeq ORF: 1566 bp

Locus ID: 308977

Cytogenetics: 1q36