

## Product datasheet for **MC217599**

### **Il21r (NM\_021887) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Il21r (NM_021887) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Il21r
Synonyms:	NILR
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC217599 representing NM\_021887  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCCCGGGGCCAGTGGCTGCCTTACTCCTGCTGATTCTCCATGGAGCTTGGAGCTGCCTGGACCTCA  
 CTTGCTACACTGACTACCTCTGGACCATCACCTGTGCTCCTGGAGACACGGAGCCCCAACCCAGCATACT  
 CAGTCTCACCTGGCAAGATGAATATGAGGAACTTCAGGACCAAGAGACCTTCTGCAGCCTACACAGGTCT  
 GGCCACAACACCACATATATGGTACACGTGCCATATGCGCTTGTCTCAATTCCTGTCCGATGAAGTTT  
 TCATTGTCAATGTGACGGACCAGTCTGGCAACACTCCAAGAGTGTGGCAGCTTGTCTGGTGAGAG  
 CATCAAACAGCTCCCCCTTGAACGTGACTGTGGCCTTCTCAGGACGCTATGATATCTCCTGGGACTCA  
 GCTTATGACGAACCTCCAACACTACGTGCTGAGGGGCAAGCTACAATATGAGCTGCAGTATCGGAACCTCA  
 GAGACCCCTATGTGTGAGGCGGTGACCAAGCTGATCTCAGTGGACTCAAGAAACGTCTCTCTTCTCCC  
 TGAAGAGTTCCACAAAGATTCTAGCTACCAGCTGCAGGTGCGGGCAGCGCCTCAGCCAGGCACTTCATTC  
 AGGGGGACCTGGAGTGAGTGGAGTGACCCCGTCACTTTTCAGACCCAGGCTGGGGAGCCCGAGGCAGGCT  
 GGGACCCCTCACATGCTGCTGCTCCTGGCTGCTTGATCATTGTCCCTGGTTTTTCATGGGTCTGAAGATCCA  
 CCTGCCTTGGAGGCTATGGAAAAAGATATGGGCACCAAGTCCCAACCCCTGAGAGTTTCTTCCAGCCCTG  
 TACAGGGAGCACAGCGGGAACCTCAAGAAATGGGTTAATACCCCTTTCACGGCCTCCAGCATAGAGTTGG  
 TGCCACAGAGTCCACAACAACATCAGCCTTACATCTGTCTGATCCAGCCAAGGAGAAGAAGTTCCC  
 GGGGCTGCCGGTCTGGAAGAGCAACTGGAGTGTGATGGAATGTCTGAGCCTGGTCACTGGTGCATAATC  
 CCCTTGGCAGCTGGCCAAGCGGTCTCAGCCTACAGTGAAGAGAGAGACCGCCATATGGTCTGGTGTCCA  
 TTGACACAGTACTGTGGGAGATGCAGAGGGCCTGTGTGCTGGCCCTGTAGCTGTGAGGATGATGGTCA  
 TCCAGCCATGAACCTGGATGCTGGCCGAGAGTCTGGCCCTAATTCAGAGGATCTGCTCTTGGTACAGAC  
 CCTGCTTTTCTGTCTTGC GGCTGTGCTCAGGTAGTGGTCTCAGGCTTGGAGGCTCCCCAGGCAGCCTAC  
 TGGACAGGTTGAGGCTGTCAATTTCAAAGGAAGGGGACTGGACAGCAGACCCAACCTGGAGAAGTGGGTC  
 CCCAGGAGGGGCTCTGAGAGTGAAGCAGGTTCCCCCCTGGTCTGGACATGGACACATTTGACAGTGGC  
 TTTGCAGGTTGACTGTGGCAGCCCCGTGGAGACTGATGAAGGACCCCTCGAAGCTATCTCCGCCAGT  
 GGGTGGTCAAGACCCCTCCACCTGTGGACAGTGGAGCCAGAGCAGCTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_021887

**Insert Size:** 1590 bp

**OTI Disclaimer:** Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

<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_021887.2</a></u> , <u><a href="#">NP_068687.1</a></u>
<b>RefSeq Size:</b>	2607 bp
<b>RefSeq ORF:</b>	1590 bp
<b>Locus ID:</b>	60504
<b>UniProt ID:</b>	<u><a href="#">Q9JHX3</a></u>
<b>Cytogenetics:</b>	7 F3
<b>Gene Summary:</b>	This is a receptor for interleukin-21.[UniProtKB/Swiss-Prot Function]