

## Product datasheet for **MC205867**

### **Il1rn (NM\_031167) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Il1rn (NM_031167) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Il1rn
Synonyms:	F630041P17Rik; IL-1ra
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC042532  
 GCCATAGACACTGCCTGGGTGTTCTTTATACACAGCAAGTCTCTCTGGAGTGAGACGTTGGAAGGCAGT  
 GGAAGACCTTGTGTCTCTGTTTAGCTCATCCATGGCTTCAGAGGCAGCCTGCCGCCCTTCTGGGAAAAAGAC  
 CCTGCAAGATGCAAGCCTTCAGAATCTGGGATACTAACCAGAAGACCTTTACCTGAGAAACAACCAGCT  
 CATTGTCTGGGTACTTACAAGGACCAATATCAAAGTAAAGAAAAGTTAGACATGGTGCCTATTGACCTT  
 CATAGTGTGTTCTTGGGCATCCACGGGGCAAGCTGTGCCTGTCTTGTGCCAAGTCTGGAGATGATATCA  
 AGCTCCAGCTGGAGGAAGTTAACATCACTGATCTGAGCAAGAACAAGAAGAAGACAAGCGCTTTACCTT  
 CATCCGCTCTGAGAAAGGCCACCACCAGCTTTGAGTCAGCTGCCTGTCCAGGATGGTTCTCTGCACA  
 AACTAGAGGCTGACCGTCTGTGAGCCTCACCAACACACCGGAAGAGCCCTTATAGTCACGAAGTTCT  
 ACTTCCAGGAAGACCAATAGTACTGCCGAGGCCTGTAATAATCACCAACTGCCTGATCACTCTGGCCATC  
 ATTGGGGCTGAGGAACAACCTTTGCGAGGTGTACAGTAGAAGGAGACAGAAGAGTTCTGATGATAGATC  
 TCTGCCTCAGTCTGTTGGCTGGCCTAATCCCCATGATGATTCCAGAATAATCTTGCAAATGGATCATGG  
 CAGGTGCTTGTCAAAGCCCTTTCTTGTGCCTCTGCCATCTGGGTGAAGTCTAGACCCTTGTCTGGCC  
 TAGGTGCTTCTGCTCTACCACCACCCTACCCTGCCACAAACACACACTTTTTTTGTTTTGTTTTT  
 CCATTGTTCTGCCTTCCACAGTCCAGACCAATCAAGTCACTTGACAATATGCCCAAGTACTCCCTTA  
 CCCTGTTTTATAAACCTGTGCCTGTCTATGGAGAAGGTTTTAATTCTCCTTGTATTATTTTTGGGCTTT  
 TTGATGAAACCACCAGGGCATCACATATACTAAGCATGTGCTCTACCATCATGTTATGCTCCAGCTCAG  
 GGGGCACTTTTAAAGGATCTAGAAAACAGAAATTAAGGATCTCATAGTTATTTATTAGGCCAGCCTTAT  
 TCCATGTCCGCAAGAGGTTTCTTGTGAAATATGTCCTTTCTGAGAGGAGCTGGGGATTAGATGCTCCT  
 GCATTTGTGAAATGGTTAAGCATAGAAAAATAGGTGGTAAGCTTTCTTCTTTCTTATTTTGTGTGA  
 TGCCTTAAACTGAAAAGTTAAAAATGATGGATTGTAGCATTCCATAATCTCCCCTTCTTTTTTTTTC  
 CTTTGGAAATGTCCAATAGTCTATATTCCTCTGTCCCGCCAAACACCATCTTCACTCCAAGCCTACCAC  
 AGATGCCCTGAAGAAGTTCCTCACTATCTGCAAATGTGGCTCTCAGGCCCTTCTGATGTGATGAATGAAT  
 CTAATAATCATTTCTTGACCGTTCATTTTATCACTTCTAACCTTGAAACATGTGGAAGTAGCTATGTTCC  
 TAACTGTTTCTCTGCCAGACAATGAACTCTGGAGATCAGGGAGCTTCGTGTGTGTGTGTGTGTGTGT  
 GTGTGTGTGTGTGTGTGTGCGCGCGCGCGCGCACGTGCATGCACATGCTACGTATTGGTCCCT  
 CCAAGGATGAACCCTCTCTTTGGCTTAGAAGGCACTCAGAGAATATGTGTTATTCGTGCTCACGGAAAGT  
 TTCTTACTCATCCCTGTGACTTTGGCTTATTTTACAATAAAACTGAAAATGTCCACTTTGTTAGTTG  
 TGAACATGAGCCAGGCCTAAGGTGCTGGGAAACAGAAAGGGCGGGAGATTTTTCTTATCTATGGCTA  
 GAAAATAGTTACCTCTCTGAAAGTCTTCTTCTCATTCTGGGTAACAGAATATCAAACACCTTGCT  
 TATAAGTTATAAAGTAGTGTGTCACCATGAACCCCAAGTAAAAACAACCAATACCTATCATGGA  
 TGAATAATCATGCAAGTATCAGATCTGCACTCAATGCCACACAATGACAAAGATAGCAAATGAGCCACAG  
 ACGGCTCCACCAACCAATAGATGAACACTTGGTTCAAATCACTAAAGCTCAAATACTCCCAGGTCAA  
 ACACCAGGTAACAAGTTAATACTCAACAAAGGGGGAAACAAATGTTCCACTGAATCCTGTGACCCTGTG  
 GGCGTGGTTCACCTCCTGTGTTGTTGGCATGTGTGCTCAGGATGAGCTGATTAAGCTTCTCAGGGG  
 TTCAGTTTTCCATCTCTGCTTGTAAATAAAAAGCTTATGCAGAAAAAAAAAAAAAAAAAAAAAAAAAAAA  
 AAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_031167

**Insert Size:** 480 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:** [BC042532](#), [AAH42532](#)

**RefSeq Size:** 2470 bp

**RefSeq ORF:** 480 bp

**Locus ID:** 16181

**UniProt ID:** [P25085](#)

**Cytogenetics:** 2 16.36 cM

**Gene Summary:** Inhibits the activity of interleukin-1 by binding to receptor IL1R1 and preventing its association with the coreceptor IL1RAP for signaling. Has no interleukin-1 like activity. [UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (1) differs in the 5' UTR and coding sequence compared to variant 3. The resulting isoform (1) has a shorter and distinct N-terminus compared to isoform 3. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.