

## Product datasheet for **MC206535**

### **Il27ra (BC032878) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Il27ra (BC032878) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Il27ra
Synonyms:	Wsx1, WSX-1, IL-27R, CRL1, zcytor1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC032878  
 GTAAGCCCAAGCCTGGTGGTGTCACTTGTCCCTGGGAGCCATGAACCGGCTCCGGGTTGCACGCCTCAC  
 GCCGTTGGAGCTTCTGCTGTGCTGATGTGCTGCTGCTCGGACGCGGCCACGGCAGTCCAGGCCCA  
 CTGCAGTGTACAGCGTCGGTCCCCTGGGAATCCTGAACCTGCTCCTGGGAACCTTTGGGCGACTGGAGA  
 CTCCACCTGTGCTGTATCACCAGAGTCAGAAATACCATCCAATAGAGTCTGGGAGGTGAAGGTGCCTTC  
 CAAACAGAGTTGGGTGACCATTCCCCGGGAACAGTTACCATTGGCTGACAAAATGAAGCCAGACACACCTC  
 CAAAAGGGACGGCCTCTGTGGTCTGTCTCTGTGAACCTGGAGACCCAAATGAAGCCAGACACACCTC  
 AGATCTTCTCTCAAGTGATATTTCTGAGGAAGCAACCCTGGAGGCCACTGTGCAGTGGGCGCCCGCT  
 GTGGCCACCGCAGAAAGCTCTCACCTGTGAGTCCCGTACAAGGAATGCCAGGCTGAAGCATGGACCCGG  
 CTGGAGCCCCAGCTGAAGACAGATGGGCTGACTCCTGTTGAGATGCAGAACCTGGAACCTGGCACCTGCT  
 ACCAGGTGTCTGGCCGCTGCCAGGTGGAGAACGGATATCCATGGGGCGAGTGGAGTTCGCCCTGTCTT  
 CCAGACGCCATTCTAGATCCTGAAGATGTGTGGGTATCGGGACCGTCTGTGAACTTCTGGCAAACGG  
 GCAGCCCTGCTTGTCTGGAAGGACCCAAGACCTTGTGTGACAGGTGACTTACACAGTCTGGTTTGGGCTG  
 GAGATATTACTAACTCAAGAAGAGGTCCCGTGTGCAAGTCCCCTGTCCCTGCATGGATGGAGTGGG  
 TGTGGTCTCTCTGGCAACAGCACCAGCTGGGTGCTCCACCAACCTGTCTCTGGTGTGCTTGGTCCA  
 GAATCTGCCCCCTGTGAGTGGGAGTGAGCAGTGTGATGGGAGCCAGGGATAAAGGTGACCTGGAAC  
 AAGGGACAGGAAACATTGGAGTATGTGGTGGACTGGGCTCAAGATGGTGACAGCTGGACAAGCTCAA  
 CTGGACCCGCTCTCCCCCTGGAACCTCAGCACATTGTTACCAGGGGAGTTCAAAGGAGGGGTCCCCTAT  
 CGAATTACAGTACTGCAGTATACTCTGGAGGATTAGTGTGCTGCACCCCTCAGTTTGGGGATTAGAGAGG  
 AGTTAGTACCCCTTGGTGGGCCAGCAGTTTGGCGACTTCAGATGACCCCCAGGGACACCTGTTGTAGC  
 CTGGGGAGAAGTACCAAGACACCAGCTCAGAGGCCAGGCTACTACTACACCTTCTGCATACAGAGCAGA  
 GGCTCTCCACTGTCTGCAGGAACGTGAGCAGTCAAACCCAGACTGCCACTCTGCCAACCTTCACTCGG  
 GTTCCTTCAAGCTGTGGGTGACGGTGTCCACCGTTGCAGGACAGGGCCACCTGGTCCCACCTTCACT  
 TCACCTACCAGATAATAGGATCAGGTGGAAAGCTGACCCTGGTTTCTGTCCCTGTGGGGTTTGTCTG  
 ATGGGCTGTGGCCTGAGCCTGGCCAGTACCAGGTGCCTACAGGCCAGGTGCTTACTGCGACACAAGT  
 TGCTTCCCAGTGGATCTGGGAGAGGGTCTGATCCTGCCAACAGCAATTCTGGGAACCTTACATCAA  
 GGAGGTGAGCCTGCCCAACCGCCAAGGACGGACCCATCCTGGAGGTGGAGGAAGTGGAGCTACAGCCT  
 GTTGTGGAGTCCCCTAAAGCCTCTGCCCGATTTACTCTGGGTATGAGAAACACTTCTGCCACACCAG  
 AGGAGCTGGGCCTTCTAGTCTGATCTGCTTACGGCTAGGGGCTGTACCCCTATCTGGGCTAGACGTTTT  
 TGTATTTTTAGATTTTTGAGACAGGATCTCACTATGGCTGGCCTGGAACCTGATATAACAACCAGGCTGG  
 CCTGGAACCTACCAAGACTCACCTGGTTTTGCCTTCCAAGGACTGAGAAGAAATGAGTGTGCCGCTCCC  
 GCCCAACCAGCTTTTGTCTTCTTGCCTCTGGGTCTGGGCATCTGTTTGTACTGCAGAAGAATCAGTG  
 AGCTCACAGCCTCAACCCATCGTTGTTATTTCTCCTTGTGTCACAGGCTTGTAGGTAGCCAAGGCTG  
 GCCTCGAACTTGTGATCCTCCTGCTGCAGCATCCCCAGAGCTGGGATTACAGGTGTGCGTCACTTCATC  
 GAGTCATAACTTTTATTCTAGTAAAGAATAACTACCAGGAGGCTATGAGGTGGTACTCGAAAGACACAT  
 TCAAGGACCTAAAGTGGTTAAGAGCCTGTGTTTTCTTGCAGTAGACCAAAGTTGGTTCCCTGCCCTTG  
 AAAGGACACACGTTTCCAGCACCACAGGGCAGCTCAGAAATCACCTGTAACCTCAGGTCCAAGGA  
 ATCCAATGCCCTTCTGGCTTCTGTGAGCCCCGACACACATGGTTACTTATGCACCGAAAAACACACG  
 CATAAAAATAAAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAA

**Restriction Sites:** EcoRI-NotI

**ACCN:** BC032878

**Insert Size:** 1872 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:** [BC032878](#), [AAH32878](#)

**RefSeq Size:** 2646 bp

**RefSeq ORF:** 1872 bp

**Locus ID:** 50931

**Cytogenetics:** 8 C2

**Gene Summary:** Receptor for IL27. Requires IL6ST/gp130 to mediate signal transduction in response to IL27. This signaling system acts through STAT3 and STAT1. Involved in the regulation of Th1-type immune responses. Also appears to be involved in innate defense mechanisms.  
[UniProtKB/Swiss-Prot Function]