

## Product datasheet for **MR209519**

### **Il27ra (NM\_016671) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Il27ra (NM_016671) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Il27ra
Synonyms:	CRL1; IL-27R; Tccr; WSX-1; Wsx1; zcytor1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR209519 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGAACCGGCTCCGGTTGCACGCCTCACGCCGTTGGAGCTTCTGCTGTCGCTGATGTCGCTGCTGCTCG  
 GGACGCGGCCCCACGGCAGTCCAGGCCACTGCAGTGCTACAGCGTCGGTCCCCTGGGAATCCTGAACTG  
 CTCTGGGAACCTTTGGGCGACCTGGAGACTCCACCTGTGCTGTATCACCAGAGTCAGAAATACCATCCC  
 AATAGAGTCTGGGAGGTGAAGTGCCTTCCAAACAGAGTTGGGTGACCATTCCCCGGGAACAGTTACCA  
 TGGCTGACAACTCCTCATCTGGGGACACAAAAGGGACGGCCTCTGTGGTCTCTGTCTCTGTGAACCT  
 GGAGACCCAAATGAAGCCAGACACACCTCAGATCTTCTCAAGTGGATATTTCTGAGGAAGCAACCCTG  
 GAGGCCACTGTGCAGTGGGCGCCCGCTGTGGCCACCGCAGAAAGCTCTCACCTGTCAGTTCGGTACA  
 AGGAATGCCAGGCTGAAGCATGGACCCGGCTGGAGCCCCAGCTGAAGACAGATGGGCTGACTCCTGTTGA  
 GATGCAGAACCTGGAACCTGGCACCTGCTACCAGGTGTCTGGCCGCTGCCAGGTGGAGAACGGATATCCA  
 TGGGGCAGTGGAGTTCCGCCCTGTCTTCCAGACGCCATTCTTAGATCCTGAAGATGTGTGGGTATCGG  
 GGACCGTCTGTGAACTTCTGGCAAACGGGCAGCCCTGCTTGTCTGGAAGACCCAAGACCTTGTGTGCA  
 GGTGACTTACACAGTCTGGTTTGGGGCTGGAGATATTACTACAACCAAGAAGAGGTCCCCTGCTGCAAG  
 TCCCCTGTCCCTGCATGGATGGAGTGGGCTGTGGTCTCTCCTGGCAACAGCACCAGCTGGGTGCCTCCCA  
 CCAACCTGTCTCTGGTGTCTTGGCTCCAGAATCTGCCCCCTGTGACGTGGGAGTGAGCAGTGTGATGG  
 GAGCCCAGGGATAAAGGTGACCTGGAACAAGGGACCAGGAAACCATTGGAGTATGTGGTGGACTGGGCT  
 CAAGATGGTGACAGCCTGGACAAGCTCAACTGGACCCGCTCTCCCCCTGGAAACCTCAGCACATTGTTAC  
 CAGGGGAGTTCAAAGGAGGGGTCCCCTATCGAATTACAGTGCAGTATACTCTGGAGGATTAGCTGC  
 TGCACCCTCAGTTTGGGATTCAGAGAGGAGTTAGTACCCTTGTCTGGCCAGCAGTTTGGCGACTTCCA  
 GATGACCCCCAGGGACACCTGTTGTAGCCTGGGAGAAGTACCAAGACACCAGCTCAGAGGCCAGGCTA  
 CTCACTACACCTTCTGCATACAGAGCAGAGGCCTCTCCACTGTCTGCAGGAACGTGAGCAGTCAAACCCA  
 GACTGCCACTCTGCCAACCTTCACTCGGGTCTCTCAAGCTGTGGGTGACGGTGTCCACCCTTGCAGGA  
 CAGGGCCACCTGGTCCCAGCTTTCACCTCACCTACCAGATAATAGGATCAGGTGGAAAGCTCTGCCCT  
 GGTTCCTGTCCCTGTGGGTTTGTCTCTGATGGGCTGTGGCTGAGCCTGGCCAGTACCAGTGCCTACA  
 GGCCAGGTGCTTACACTGGCACAAGTTGCTTCCCCAGTGGATCTGGGAGAGGGTTCTGATCCTGCC  
 AACAGCAATTCTGGCAACCTTACATCAAGGAGGTGAGCCTGCCCAACCGCCCAAGGACGGACCCATCC  
 TGGAGGTGGAGGAAGTGGAGCTACAGCCTGTTGTGGAGTCCCCTAAAGCCTCTGCCCCGATTACTCTGG  
 GTATGAGAAACACTTCTGCCACACCAGAGGAGCTGGGCCTTCTAGTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR209519 protein sequence  
 Red=Cloning site Green=Tags(s)

MNRLRVARLTPLELLLSLMSLLLGTRPHGSPGPLQCYSVGPLGILNCSWEPLGDLETTPVLYHQSQKYHP  
 NRVWEVKVPSKQSWVTIPREQFTMADKLLIWGTQKGRPLWSSVSVNLETQMKPDTQPQIFSQVDISEEATL  
 EATVQWAPPVWPPQKALTCQFRYKECQAEAWTRLEPQLKTDGLTPVEMQNLEPGTCYQVSGRCQVENGY  
 WGEWSSPLSFQTPFLDPEDVWVSGTVCETSGKRAALLVWKDPRPCVQVYTVVWFAGDITTTQEEVPCK  
 SPVPAWMEWAVVSPGNSTSWVPPTNLSLVCLAPESAPCDVGVSSADGSPGIKVTWKQGRKPLEYVVDWA  
 QDGDSDLKLNWTRLPPGNLSTLLPGEFKGVPIYITVTAVYSSGLAAAPSVWGFREELVPLAGPAVWRLP  
 DDPPGTPVVAWGEVPRHLRGQATHYTFCIQSRGLSTVCRNVSSQTQTATLPNLHSGSFKLWVTVSTVAG  
 QGPPGPDLSLHLPDNRIRWKALPWFLSLWGLLLMGCGLSLASTRCLQARCLHWRHKLQPIWVERVDPDA  
 NSNSGQPIYIKEVSLPQPPKDGPILEVVEVELQPVVESPKASAPIYSGYEKHLPTPEELGLLV

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

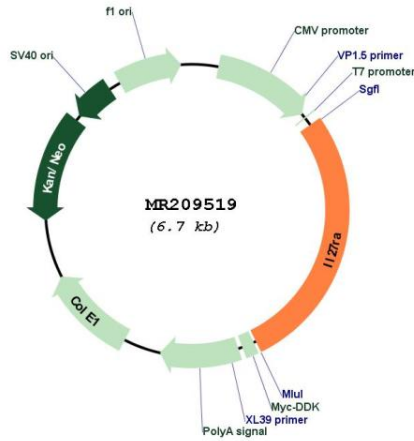


**Cytogenetics:** 8 C2

**MW:** 69 kDa

**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]

**Product images:**



Circular map for MR209519