

## Product datasheet for **RG222190**

### **IL1RL2 (NM\_003854) Human Tagged ORF Clone**

#### **Product data:**

|                           |   |
|---------------------------|---|
| Product Type:             | Expression Plasmids                       |
| Product Name:             | IL1RL2 (NM_003854) Human Tagged ORF Clone |
| Tag:                      | TurboGFP                                  |
| Symbol:                   | IL1RL2                                    |
| Synonyms:                 | IL-1Rrp2; IL-36R; IL1R-rp2; IL1RRP2       |
| Mammalian Cell Selection: | Neomycin                                  |
| Vector:                   | pCMV6-AC-GFP (PS100010)                   |
| E. coli Selection:        | Ampicillin (100 ug/mL)                    |



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**ORF Nucleotide Sequence:**

>RG222190 representing NM\_003854  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTGGTCTTGTGCTCTGCGGGTTGCCATCGCCCTTCCACTGTCTGTACAGCAGATGGATGCAAGG  
 ACATTTTTATGAAAAATGAGATACTTTTCAGCAAGCCAGCCTTTTGCTTTTAATTGTACATCCCTCCCAT  
 AACATCTGGGGAAGTCAGTGTAAACATGGTATAAAAATTCTAGCAAAATCCAGTGTCCAAAATCATAACAG  
 TCTAGAATTCACCAGGACGAGACTTGGATTTTGTCTCCCATGGAATGGGGGACTCAGGAGTCTACC  
 AATGTGTATAAAGGGTAGAGACAGCTGTCATAGAATACATGTAACCTAACTGTTTTGAAAAACATTG  
 GTGTGACACTTCCATAGGTGGTTACCAAATTTATCAGATGAGTACAAGCAAATATTACATCTTGGAAAA  
 GATGATAGTCTCACATGTCATCTGCACTCCCGAAGAGTTGTGTTTTGGTCCAATAAAGTGGTATAAGG  
 ACTGTAACGAGATTAAGGGGAGCGGTTCACTGTTTTGAAACCAGGCTTTTGGTGAACAATGTCTCGGC  
 AGAGGACAGAGGAACTACGCGTGTCAAGCCACTGACACACTCAGGGAAGCAGTACGAGGTTTTAAAT  
 GGCATCACTGTGAGCATTAAAAGAGCTGGATATGGAGGAAGTGCCTAAAATCATTATCCAAAAAATC  
 ATCAATTGAAGTACAGCTTGGTACCCTCTGATTGTGGACTGCAATGTAAACAGACACCAAGGATAATAC  
 AAATCTACGATGCTGGAGAGTCAATAACACTTTGGTGGATGATTACTATGATGAATCCAAACGAATCAGA  
 GAAGGGGTGGAACCCATGTCTCTTTTCGGGAACATAATTTGTACACAGTAAACATCACCTTCTTGGAAAG  
 TGAAAAATGAAGATTATGGCCTTCTTTTCATGTCCACGCTGGAGTGTCCACAGCATACATTATATTACA  
 GCTCCCAGCTCCGGATTTTCGAGCTTACTTGATAGGAGGGCTTATCGCCTTGGTGGCTGTGGCTGTGCT  
 GTTGTGTACATATAACAATTTTAAGATCGACATTGTTCTTTGGTATCGAAGTGCCTTCCATTCTACAG  
 AGACCATAGTAGATGGGAAGCTGTATGACGCCTATGTCTTATACCCCAAGCCCCACAAGGAAAGCCAGAG  
 GCATGCCGTGGATGCCCTGGTGTGAATATCCTGCCCGAGGTGTTGGAGAGACAATGTGGATATAAGTTG  
 TTTATATTCGGCAGAGATGAATCCCTGGACAAGCCGTGGCCAATGTCATCGATGAAAACGTTAAGCTGT  
 GCAGGAGGCTGATTGTCATTGTGGTCCCGAATCGCTGGGCTTTGGCCTGTTGAAGAACCTGTCAGAAGA  
 ACAAATCGCGGTCTACAGTGCCTGATCCAGGACGGGATGAAGGTTATTCTCATTGAGCTGGAGAAAATC  
 GAGGACTACACAGTATGCCAGAGTCAATTCAGTACATCAAACAGAAGCATGGTGCCATCCGGTGGCATG  
 GGGACTTACGGAGCAGTACAGTGTATGAAGACCAAGTTTTGGAAGACAGTGAATACACATGCCGCC  
 CAGAAGGTGTCCGCCGTTTCTCCGGTCCAGCTGCTGCAGCACACACCTTGCTACCGCACCGAGGCCCA  
 GAACTAGGCTCAAGAAGAAAGAAGTGTACTCTCACGACTGGC

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:**

>RG222190 representing NM\_003854  
 Red=Cloning site Green=Tags(s)

MWSLLLCLGLSIALPLSVTADGCKDIFMKNEILSASQPFANCTFPPITSGEVSVTWYKNSSKIPVSKIIQ  
 SRIHQDETWILFLPMEWGDGSGVYQCVIKGRDSCHRIHVNLTVFEKHWCDSIGGLPNLSDEYKQILHLGK  
 DDSLTCHLHFPKSCVLPKIKWYKDCNEIKGERFTVLETRLLVSNVSAEDRGNACQAILTHSGKQYEVLN  
 GITVSIKRAGYGGVSPKIIYPKNHSIEVQLGTTLIVDCNVTDTKDNTNLRWVNNLTVDDYYDESKRIR  
 EGVETHVSFREHNLTVNITFLEVKMEDYGLPFMCHAGVSTAYIILQLPAPDFRAYLIGGLIALVAVAVS  
 VVYIYNIFKIDIVLWYSAFHSTETIVDGKLYDAYVLYPKPHKESQRHVDALVLNILEVLERQCGYKL  
 FIFGRDEFPGQAVANVIDENVKLCRRLIVIVVPESLGFGLLKNLSEEQIAYYSALIQDGMKVIILIELEKI  
 EDYTVMPESIYIKQKHGAIRWHGDFTEQSQCMKTKFWKTVRYHMPPRRCRPFPPVQLLQHTPCYRTAGP  
 ELGSRKKCTLTG

SGP**TRRRLE** - GFP Tag - V

**Restriction Sites:**

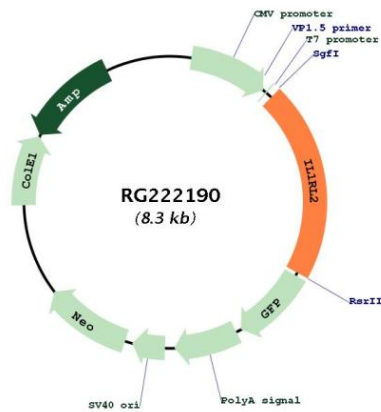
Sgfl-RsrII



**Protein Families:** Druggable Genome, Transmembrane

**Gene Summary:** The protein encoded by this gene is a member of the interleukin 1 receptor family. An experiment with transient gene expression demonstrated that this receptor was incapable of binding to interleukin 1 alpha and interleukin 1 beta with high affinity. This gene and four other interleukin 1 receptor family genes, including interleukin 1 receptor, type I (IL1R1), interleukin 1 receptor, type II (IL1R2), interleukin 1 receptor-like 1 (IL1RL1), and interleukin 18 receptor 1 (IL18R1), form a cytokine receptor gene cluster in a region mapped to chromosome 2q12. [provided by RefSeq, Jul 2008]

**Product images:**



Circular map for RG222190