

## Product datasheet for **RG211691**

### IL36RN (NM\_012275) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** IL36RN (NM\_012275) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** IL36RN  
**Synonyms:** FIL1; FIL1(DELTA); FIL1D; IL-36Ra; IL1F5; IL1HY1; IL1L1; IL1RP3; IL36RA; PSORP; PSORS14  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG211691 representing NM\_012275  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGTCCTGAGTGGGGCGCTGTGCTTCCGAATGAAGGACTCGGCATTGAAGGTGCTTTATCTGCATAATA  
 ACCAGTCTTAGCTGGAGGGCTGCATGCAGGGAAGGTCATTAAGGTGAAGAGATCAGCGTGGTCCCCAA  
 TCGGTGGCTGGATGCCAGCCTGTCCCCGTCATCCTGGGTGTCCAGGGTGAAGCCAGTGCCTGTCATGT  
 GGGGTGGGCAGGAGCCGACTCTAACACTAGAGCCAGTGAACATCATGGAGCTCTATCTTGGTGCCAAGG  
 AATCCAAGAGCTTACCTTCTACCGCGGGACATGGGGCTCACCTCCAGCTTCGAGTCGGCTGCCTACCC  
 GGGCTGGTTCCTGTGCACGGTGCCTGAAGCCGATCAGCCTGTGAGACTCACCCAGCTTCCCGAGAATGGT  
 GGCTGGAATGCCCCATCACAGACTTCTACTTCCAGCAGTGTGAC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >RG211691 representing NM\_012275  
 Red=Cloning site Green=Tags(s)

MVLSGALCFRMKDSALKVLYLHNNQLLAGLHAGKVIKGEESVVPNRWLDASLSPVILGVQGGSQLCLSC  
 GVGQEPTLTLEPVNIMELYLGAKESKSFYRRDMGLTSSFESAAYPGWFLCTVPEADQPVRLTQLPENG  
 GWNAPITDFYFQQCD

**TRTRPLE** - GFP Tag - V

**Restriction Sites:** SgfI-MluI



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**Cloning Scheme:**


**ACCN:** NM\_012275

**ORF Size:** 465 bp

**OTI Disclaimer:** 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](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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:** [NM\\_012275.3](#)

**RefSeq Size:** 2717 bp

**RefSeq ORF:** 468 bp

**Locus ID:** 26525

**UniProt ID:** [Q9UBH0](#)

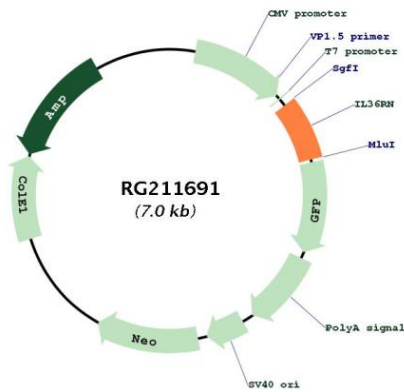
**Cytogenetics:** 2q14.1

**Domains:** IL1

**Protein Families:** Druggable Genome, Secreted Protein

**Gene Summary:** The protein encoded by this gene is a member of the interleukin 1 cytokine family. This cytokine was shown to specifically inhibit the activation of NF-kappaB induced by interleukin 1 family, member 6 (IL1F6). This gene and eight other interleukin 1 family genes form a cytokine gene cluster on chromosome 2. Two alternatively spliced transcript variants encoding the same protein have been reported. [provided by RefSeq, Jul 2008]

**Product images:**



Circular map for RG211691