

Product datasheet for **RG205747**

IL36RN (NM_173170) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: IL36RN (NM_173170) 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: >RG205747 representing NM_173170
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGTCCTGAGTGGGGCGCTGTGCTTCCGAATGAAGGACTCGGCATTGAAGGTGCTTTATCTGCATAATA
 ACCAGTCTTAGCTGGAGGGCTGCATGCAGGGAAGGTCATTAAGGTGAAGAGATCAGCGTGGTCCCCAA
 TCGGTGGCTGGATGCCAGCCTGTCCCCGTCATCCTGGGTGTCCAGGGTGAAGCCAGTGCCTGTCATGT
 GGGGTGGGCAGGAGCCGACTCTAACACTAGAGCCAGTGAACATCATGGAGCTCTATCTTGGTCCAAGG
 AATCCAAGAGCTTACCTTCTACCGCGGGACATGGGGCTCACCTCCAGCTTCGAGTCGGCTGCCTACCC
 GGGCTGGTTCCTGTGCACGGTGCCTGAAGCCGATCAGCCTGTGAGACTCACCCAGCTTCCCGAGAATGGT
 GGCTGGAATGCCCCATCACAGACTTCTACTTCCAGCAGTGTGAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG205747 representing NM_173170
 Red=Cloning site Green=Tags(s)

MVLSGALCFRMKDSALKVLYLHNNQLLAGLHAGKVIKGEESISVVPNRWLDASLSPVILGVQGGSQLSLC
 GVGQEPTLTLEPVNIMELYLGAKESKSFYRRDMGLTSSFESAAYPGWFLCTVPEADQPVRTLQLPENG
 GWNAPITDFYFQQCD

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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Cloning Scheme:


ACCN: NM_173170

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_173170.1](#), [NP_775262.1](#)

RefSeq Size: 2689 bp

RefSeq ORF: 468 bp

Locus ID: 26525

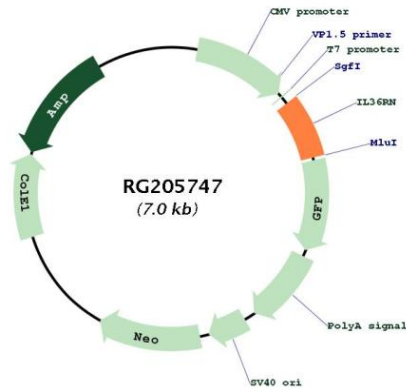
UniProt ID: [Q9UBH0](#)

Cytogenetics: 2q14.1

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 RG205747