

Product datasheet for **SC322542**

IL36RN (NM_173170) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	IL36RN (NM_173170) Human Untagged Clone
Tag:	Tag Free
Symbol:	IL36RN
Synonyms:	FIL1; FIL1(DELTA); FIL1D; IL-36Ra; IL1F5; IL1HY1; IL1L1; IL1RP3; IL36RA; PSORP; PSORS14
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for SC322542
 GGAGAGTCCCACCTCTAACATCTCTGTAGGCCTGGCAATGGCAGGCAGGAAAGACAGAG
 GAAGGAAGGAGGGAGAAGGGAAGGAGTGAAGGAAGGAGTGAAAAAGGGGAGTCTACACCC
 TGTGGAGCTCAAGATGGTCTGAGTGGGGCGCTGTGCTCCGAATGAAGGACTCGGCATT
 GAAGGTGCTTTATCTGCATAATAACCAGCTTCTAGCTGGAGGGCTGCATGCAGGGAAGGT
 CATTAAAGGTGAAGAGATCAGCGTGGTCCCAATCGGTGGCTGGATGCCAGCCTGTCCCC
 CGTCATCCTGGGTGCCAGGGTGAAGCCAGTGCCTGTGCATGTGGGGTGGGGCAGGAGCC
 GACTCTAACACTAGAGCCAGTGAACATCATGGAGCTCTATCTTGGTGCCAAGGAATCCAA
 GAGCTTACCTTCTACCGCGGGACATGGGGCTCACCTCCAGCTTCGAGTCGGCTGCCTA
 CCCGGGCTGGTTCCTGTGCACGGTGCCTGAAGCCGATCAGCCTGTGAGCTCACCAGCT
 TCCCGAGAATGGTGGCTGGAATGCCCCATCACAGACTTCTACTCCAGCAGTGTGACTA
 GGGCAACGTGCCCCAGAACTCCCTGGGCAGAGCCAGCTCGGGTGAAGGGTGTGAGGGAG
 GAGACCCATGGCGGACAATCACTCTCTGCTCTCAGGACCCACGCTGACTTAGTGG
 GCACCTGACCACTTTGTCTTCTGGTCCAGTTTGGATAAATTCTGAGATTTGGAGCTCA
 GTCCACGGTCTCCCCACTGGATGGTGTACTGCTGTGGAACCTGTAAAACCATGTG
 GGGTAAACTGGGAATAACATGAAAAGATTCTGTGGGGTGGGGTGGGGGAGTGGTGGGA
 ATCATTCTGCTTAATGGTAAGTGAACAAGTGTACCCTGAGCCCCGAGGCCAACCCATC
 CCCAGTTGAGCCTTATAGGGTCAGTAGCTCTCCACATGAAGTCCCTGCACTCACCAGTGT
 GCAGGAGAGGGAGGTGGTCATAGAGTCAGGGATCTATGGCCCTTGGCCCAGCCCCACCC
 CTTCCCTTTAATCCTGCCACTGTGCATATGCTACCTTTCCTATCTCTTCCCTCATCATCTT
 GTTGTGGGCATGAGGAGGTGGTGTGTCAGAAGAAATGGCTCGAGCTCAGAAGATAAAG
 ATAAGTAGGGTATGCTGATCCTCTTTTAAAAACCAAGATACAATCAAAATCCCAGATGC
 TGGTCTCTATCCCATGAAAAAGTGTCTCATGACATATTGAGAAGACCTACTTACAAGATG
 GCATATATTGCAATTTATTTTAAATTAAGATAACCTATTTATATATTTCTTTATAGAAAA
 AAGTCTGGAAGAGTTTACTTCAATTGTAGCAATGTGAGGGTGGTGGCAGTATAGGTGATT
 TTTCTTTAATTCTGTTAATTTATCTGTATTTCTAATTTTTCTACAATGAAGATGAATT
 CCTTGTATAAAAAAAGAAAAGAAATTAATCTTGGAGTAAGCAGAGCAGACATCATCTCT
 GATTGTCCTCAGCCTCCACTTCCCAGAGTAAATTCAAATGAATCGAGCTCTGTGCTC
 TGGTTGGTGTAGTAGTATGATCAGGAAACAGATCTCAGCAAAGCCACTGAGGAGGAGGCTG
 TGCTGAGTTTGTGTGGCTGGAATCTCTGGTAAGGAACTAAAGAACAAAAATCATCTGG
 TAATTCCTTCTAGAAAGGATCACAGCCCCTGGGATTCCAAGGCATTGGATCCAGTCTCTA
 AGAAGGCTGCTGTACTGGTTGAATTGTGTCCCCCTCAAATTCACATCCTTCTTGGAACT
 CAGTCTGTGAGTTTATTTGGAGATAAGGTCTCTGCAGATGTAGTTAGTTAAGACAAGGTC
 ATGCTGGATGAAGGTAGACCTAAATTCATATGACTGGTTTCTTGTATGAAAAGGAGAG
 GACACAGAGACAGAGGAGACGCGGGGAAGACTATGTAAGATGAAGGCAGAGATCGGAGT
 TTTGCAGCCACAAGCTAAGAAACACCAAGGATTGTGGCAACCATCAGAAGCTTGAAGAG
 GCAAAGAAGAATCTTCCCTAGAGGCTTTAGAGGGATAACGGCTCTGTGAAACCTTAAT
 CTCAGACTTCCAGCCTCCTGAACGAAGAAAGAATAAATTTGGCTGTTTTAAGCCACCAA
 GGATAAATTGGTTACAGCAGCTCTAGGAACTAATACAGCTGCTAAAATGATCCCCTGTCTC
 CTGCTGTTTACATTCTGTGTGTGTCCCCCTCCACAATGTACCAAAGTTGTCTTTGTGACC
 AATAGAATATGGCAGAAGTGTGGCATGCCACTTCCAAGATTAGTTATAAAAAGACTG
 CAGCTTCTACTTGAGCCCTCTCTCTGCCACCCACCGCCCCAATCTATCTTGGCTCAC
 TCGCTCTGGGGAAGCTAGCTGCCATGCTATGAGCAGGCCTATAAAGAGACTTACGTGGT
 AAAAAATGAAGTCTCCTGCCACAGCCACATTAGTGAACCTAGAAGCAGAGACTCTGTGA
 GATAATCGATGTTTGTGTTTTAAGTTGCTCAGTTTTGGTCTAACTTGTATGCAGCAAT
 AGATAAATAATATGCAGAGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_173170

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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<ol style="list-style-type: none"> 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:	<u>NM_173170.1, NP_775262.1</u>
RefSeq Size:	2689 bp
RefSeq ORF:	468 bp
Locus ID:	26525
UniProt ID:	<u>Q9UBH0</u>
Cytogenetics:	2q14.1
Protein Families:	Druggable Genome, Secreted Protein
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>