

## Product datasheet for **SC324029**

### IL1RAP (NM\_134470) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	IL1RAP (NM_134470) Human Untagged Clone
Tag:	Tag Free
Symbol:	IL1RAP
Synonyms:	C3orf13; IL-1RAcP; IL1R3
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 NM\_134470.2  
 AGACTGCCGGGATCCAGGTCTCCGGGTCCGCTTTGGCCAGAGGCGCGGAAGGAAGCAGT  
 GCCCGGCGACACTGCACCCATCCCGGTGCTTTTGTGCGCCCTCTCAGCTTCCCAAGAA  
 AGGCATCGTCATGTGATCATCACCTAAGAACTAGAACATCAGCAGGCCCTAGAAGCCTCA  
 CTCTTGCCCTCCCTTTAATATCTCAAAGGATGACACTTCTGTGGTGTGTAGTGAAGTCTC  
 TACTTTTATGGAATCCTGCAAAGTGTGCCTCAGAACGCTGCGATGACTGGGACTAGAC  
 ACCATGAGGCAAATCCAAGTGTGTTGAAGATGAGCCAGCTCGCATCAAGTGCCCACTCTTT  
 GAACACTTCTTGAAATCAACTACAGCACAGCCATTCAGCTGGCCTTACTCTGATCTGG  
 TATTGGACTAGGCAGGACCGGGACCTTGAGGAGCCAATTAACCTCCGCCTCCCGGAGAAC  
 CGCATTAGTAAGGAGAAAGATGTGCTGTGGTTCGGGCCACTCTCCTCAATGACTGCGC  
 AACTATACCTGCATGTTAAGGAACACTACATATTGCAGCAAAGTGCATTTCCCTTGAA  
 GTTGTTCAAAAAGACAGCTGTTTCAATCCCCATGAAACTCCCAGTGCATAAACTGTAT  
 ATAGAATATGGCATTGAGAGGATCACTTGTCCAAATGTAGATGGATATTTTCCCTCCAGT  
 GTCAAACCGACTATCACTTGGTATATGGGCTGTTATAAAATACAGAATTTTAATAATGTA  
 ATACCCGAAGGTATGAACTTGAGTTTCCCTCATTGCCTTAATTTCAAATAATGGAAATTAC  
 ACATGTGTGTTACATATCCAGAAAATGGACGTACGTTTCATCTACCAGGACTCTGACT  
 GTAAAGGTAGTAGGCTCTCCAAAAATGCAAGTGCCCCCTGTGATCCATTACCTAATGAT  
 CATGTGGTCTATGAGAAAGAACCAGGAGAGGAGCTACTCATTCCCTGTACGGTCTATTTT  
 AGTTTTCTGATGGATTCTCGCAATGAGGTTTGGTGGACCATTGATGGAAAAAACCTGAT  
 GACATCACTATTGATGCACCATTAACGAAAGTATAAGTCATAGTAGAACAGAAGATGAA  
 ACAAGAAGTCAAGATTTTGAAGTCAAGAAAGTTACCTCTGAGGATCTCAAGCGCAGCTAT  
 GTCTGTGATGCTAGAAGTGCCAAAGCGAAGTTGCCAAAGCAGCAAGGTGAAGCAGAAA  
 GGTAATAGATGCGGTGAGTGAATCTCTCAGCTCCTCAAAATTAACATTGTTGGTGAATAAG  
 GACAAAAGGAGAGATTGAGAACAAGAGAGCTCCAGCACCTAGCCTGACGGCATCTAACCC  
 ATAGTAATGAATCAAATTAATGAAAAATATGAAAGTTTTTCATCTATGTAAGATACTCA  
 AAATATTGTTTCTGATATTGTTAGTACCGTAATGCCCAAATGTAGCTAAAAAATCAACG  
 TGAGTACAGTGAGACACAATTTTGTGTCTGTACAATTATGAAAAAAAAAAAAAAAAAAAA  
 A

**Restriction Sites:** EcoRI-NOT

**ACCN:** NM\_134470

**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).

<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_134470.2</a> , <a href="#">NP_608273.1</a>
<b>RefSeq Size:</b>	2063 bp
<b>RefSeq ORF:</b>	1071 bp
<b>Locus ID:</b>	3556
<b>UniProt ID:</b>	<a href="#">Q9NPH3</a>
<b>Cytogenetics:</b>	3q28
<b>Domains:</b>	ig, IG
<b>Protein Families:</b>	Druggable Genome, Secreted Protein, Transmembrane
<b>Protein Pathways:</b>	Apoptosis, Cytokine-cytokine receptor interaction
<b>Gene Summary:</b>	<p>This gene encodes a component of the interleukin 1 receptor complex, which initiates signalling events that result in the activation of interleukin 1-responsive genes. Alternative splicing of this gene results in membrane-bound and soluble isoforms differing in their C-terminus. The ratio of soluble to membrane-bound forms increases during acute-phase induction or stress. [provided by RefSeq, Jul 2018]</p> <p>Transcript Variant: This variant (2) differs in the 3' end of the coding region and 3' UTR, compared to variant 1. It encodes the soluble isoform (2). 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>