

Product datasheet for **SC329065**

IL1RAP (NM_001167931) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	IL1RAP (NM_001167931) Human Untagged Clone
Tag:	Tag Free
Symbol:	IL1RAP
Synonyms:	C3orf13; IL-1RAcP; IL1R3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001167931, the custom clone sequence may differ by one or more nucleotides

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ATGACACTTCTGTGGTGTGTAGTGAGTCTCTACTTTTATGGAATCCTGCAAAGTGATGCC
TCAGAACGCTGCGATGACTGGGGACTAGACACCATGAGGCAAATCCAAGTGTGTTGAAGAT
GAGCCAGCTCGCATCAAGTGCCCACTCTTTGAACACTTCTTGAATTCACACTACAGCACA
GCCCATTACAGCTGGCCTTACTCTGATCTGGTATTGGACTAGGCAGGACCGGGACCTTGAG
GAGCCAATTAACCTCCGCTCCCGAGAACCGCATTAGTAAGGAGAAAGATGTGCTGTGG
TTCCGGCCCACTCTCCTCAATGACACTGGCAACTATACCTGCATGTTAAGGAACACTACA
TATTGCAGCAAAGTTGCATTTCCCTTGGAAAGTTGTTCAAAAAGACAGCTGTTTCAATTC
CCCATGAAACTCCCAGTGCATAAAGTATATAGAATATGGCATTGAGAGGATCACTTGT
CCAAATGTAGATGGATATTTTCCCTCCAGTGTCAAACCGACTATCACTTGGTATATGGGC
TGTTATAAAATACAGAATTTTAATAATGTAATACCCGAAGGTATGAACTTGAGTTTCTC
ATTGCCTTAATTTCAAATAATGGAAATTACACATGTGTTGTTACATATCCAGAAAATGGA
CGTACGTTTCATCTCACCAGGACTCTGACTGTAAGGTAGTAGGCTCTCCAAAAATGCA
GTGCCCTGTGATCCATTACCTAATGATCATGTGGTCTATGAGAAAGAACCAGGAGAG
GAGCTACTCATTCCCTGTACGGTCTATTTAGTTTTCTGATGGATTCTCGCAATGAGTT
TGTTGGACCATTGATGGAAAAAACCTGATGACATCACTATTGATGTCACCATTAAACGAA
AGTATAAGTCATAGTAGAACAGAAGATGAAACAAGAACTCAGATTTTGAGCATCAAGAAA
GTTACCTCTGAGGATCTCAAGCGCAGCTATGTCTGTGATGCTAGAAAGTGCCAAAGGCGAA
GTTGCCAAAGCAGCAAGGTGAAGCAGAAAAGTCCAGCTCCAAGATACACAGTGGAACTG
GCTTGTGGTTTTGGAGCCACAGTCTGCTAGTGGTGATTCTCATTGTTGTTTACCATGTT
TACTGGCTAGAGATGGTCTATTTTACCGGGCTCATTTTGAACAGATGAAACCATTTTA
GATGGAAAAGAGTATGATATTTATGTATCCTATGCAAGGAATGCCGAAGAAGAAGAAATTT
GTATTACTGACCTCCGTTGGAGTTTTGGAGAATGAATTTGGATACAAGCTGTGCATCTTT
GACCGAGACAGTCTGCCTGGGGGAAATACAGTGAAGCAGTTTTTGTATTCATTGAGAGA
AGCAGAAGGATGATTGTTGTTCTGAGCCCTGACTATGTGACAGAAAAGAGCATCAGCATG
CTGGAGTTTAAACTGGGTGTCATGTGCCAGAACTCCATTGCCACCAAGCTCATTGTGGTT
GAGTACCGTCCCCTTGGACCCCGACCCAGGCATTCTCAGCTCAAAGAGTCTGTGTCT
TTTGTGAGCTGGAAGGGAGAAAAGTCCAAACATTCTGGCTCTAAATTTCTGGAAAGCTTTG
CGGTTGGCTCTTCCCCTGAGAAGTCTGAGTGCCAGTCTGGCTGGAATGAGAGCTGCTCT
TCCAGTCTGACATCAGTCTGGATCACGTTCAAAGGAGGAGAAGTCGTTTGAAGAGCCC
CCAGAACTTCAGAGCTCAGAGAGGGCTGCAGGTAGCCCTCCAGCCCAGGCACAATGTCC
AAGCACCGAGGGAAGTCTCCGCCACCTGCCGCTGTTGTGTCACCTACTGTGAAGGAGAG
AATCACCTTAGGAACAAGAGCCGGGCAGAGATTATAACCAGCCCAGTGGGAGACACAC
CTCTGTAAGCCTGTTCCCAAGAGTCAAAAATCAATGGATACAAAATGGCACCAGATTG
GAACCCCTGCTCCCAGATCTCAGCCCTTGTCTTTCATCTTACGGACTTATCCAAT
ACAACGACTTTTATATCCTATAA

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Restriction Sites: Please inquire

ACCN: NM_001167931

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_001167931.1, NP_001161403.1</u>
RefSeq Size:	2930 bp
RefSeq ORF:	2064 bp
Locus ID:	3556
UniProt ID:	<u>Q9NPH3</u>
Cytogenetics:	3q28
Protein Families:	Druggable Genome, Secreted Protein, Transmembrane
Protein Pathways:	Apoptosis, Cytokine-cytokine receptor interaction
Gene Summary:	<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 (6) uses an alternate 3' terminal exon, compared to variant 1. It encodes isoform 3, which has a longer and distinct C-terminus, compared to isoform 1.</p>