

Product datasheet for **SC109340**

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
Vector:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for NM_134470, the custom clone sequence may differ by one or more nucleotides

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ATGACACTTCTGTGGTGTAGTGAGTCTCTACTTTTATGGAATCCTGCAAAGTGATGCCTCAGAACGCT
GCGATGACTGGGGACTAGACACCATGAGGCAAATCCAAGTGTGTTGAAGATGAGCCAGCTCGCATCAAGTG
CCCCTCTTTGAACACTTCTTGAATTCAACTACAGCACAGCCATTGAGCTGGCCTTACTCTGATCTGG
TATTGGACTAGGCAGGACCGGGACCTTGAGGAGCCAATTAACCTCCGCCTCCCGAGAACCGCATTAGTA
AGGAGAAAAGATGTGCTGTGGTCCGGCCACTCTCCTCAATGACTGGCAACTATACCTGCATGTTAAG
GAACACTACATATTGCAGCAAAGTGCATTTCCCTTGGAAGTTGTTCAAAAAGACAGCTGTTTCAATTCC
CCCATGAAACTCCCAGTGCATAAACTGTATATAGAATATGGCATTGAGAGGATCATTGTCCAAATGTAG
ATGGATATTTTCCCTCCAGTGTCAAACCGACTATCACTTGGTATATGGGCTGTTATAAAATACAGAATTT
TAATAATGTAATACCCGAAGGTATGAACTTGAGTTTCTCATTGCCTTAATTTCAAATAATGGAAATTA
ACATGTGTTGTTACATATCCAGAAAATGGACGTACGTTTCATCTCACCAGGACTCTGACTGTAAAGGTAG
TAGGCTCTCAAAAAATGCAGTGCCCTGTGATCCATTACCTAATGATCATGTGGTCTATGAGAAAGA
ACCAGGAGAGGAGCTACTATCCCTGTACGGTCTATTTAGTTTTCTGATGGATTCTCGCAATGAGGTT
TGGTGGACCATTGATGGAAAAAACCTGATGACATCACTATTGATGTCACCATTAAACGAAAGTATAAGTC
ATAGTAGAACAGAAGATGAAACAAGAAGTCAAGTTTGGAGCATCAAGAAAGTTACCTCTGAGGATCTCAA
GCGCAGCTATGTCTGTCATGCTAGAAGTGCCAAAGGCGAAGTTGCCAAAGCAGCCAAGGTGAAGCAGAAA
GGTAATAGATGCGGTCAGTGA
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_134470 unedited CCCCCCATTCTCCCGCCGTTGCCGCAATGGGCGGTAGGCGGTACGGTGGGAGGTCT ATATAAGCAGAGCTCATTTAGGTGACACTATAGAATACAAGCTACTTGTCTTTTTGCAG CGGCCCGGAATTCGGCACGAGGCCGGGATCCAGGTCTCCGGGGTCCGCTTTGGCCAGAGG CGCGGAAGGAAGCAGTGCCCGGCGACACTGCACCCATCCCGGTGCTTTTGTGCGCCCT CTCAGCTTCCCAAGAAAGGCATCGTCATGTGATCATCACCTAAGAAGTACAACATCAGCA GGCCCTAGAAGCCTCACTTTGCCCTCCCTTTAATATCTCAAAGGATGACACTTCTGTG GTGTGTAGTGAGTCTACTTTTATGGAATCCTGCAAAGTGATGCCTCAGAACGCTGCGA TGA CTGGGACTAGACACCATGAGGCAAATCCAAGTGTGTTGAAGATGAGCCAGCTCGCAT CAAGTGCCCACTCTTTGAACACTTCTTGAATTCAACTACAGCACAGCCATTGAGCTGG CCTTACTCTGATCTGGTATTGGACTAGGCAGGACCGGGACCTTGAGGAGCCAATTA ACTT CCGCCTCCCCGAGAACCGCATTAGTAAGGAGAAAGATGTGCTGTGGTTCCGGCCACTCT CCTCAATGACACTGGCAACTATACCTGCATGTTAAGGAACACTACATATTGCAGCAAAGT TGCATTTCCCTTGAAGTTGTTCAAAAAGACAGCTGTTTCAATCCCCCATGAAACTCCC AGTGCATAAACTGTATATAGAATATGGCATTGAGGATCACTTGTCCAATGTAGATGG ATATTTTCTTCCAGTGTCAAACCGACTATCCACTTGCTATATGGGGCTGTTATC
Restriction Sites:	ECoRI-NOT
ACCN:	NM_134470
Insert Size:	4700 bp
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).
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:	NM_134470.2 , NP_608273.1
RefSeq Size:	2063 bp
RefSeq ORF:	1071 bp
Locus ID:	3556
UniProt ID:	Q9NPH3
Cytogenetics:	3q28
Domains:	ig, IG
Protein Families:	Druggable Genome, Secreted Protein, Transmembrane
Protein Pathways:	Apoptosis, Cytokine-cytokine receptor interaction

Gene Summary:

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]

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.