

Product datasheet for **SC109339**

IL1RAP (NM_002182) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	IL1RAP (NM_002182) Human Untagged Clone
Tag:	Tag Free
Symbol:	IL1RAP
Synonyms:	C3orf13; IL-1RAcP; IL1R3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

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>OriGene sequence for NM_002182 edited
GAATTCGGCACCAGCAGGTCTCCGGGTCCGCTTTGGCCAGAGGCGCGGAAGGAAGCAGT
GCCCGGCGACACTGCACCCATCCCGGCTGCTTTTGTGCGCCCTCTCAGCTTCCCAAGAA
AGGCATCGTCATGTGATCATCACCTAAGAACTAGAACATCAGCAGGCCCTAGAAGCCTCA
CTCTTGCCCTCCCTTAAATATCTCAAAGGATGACACTTCTGTGGTGTGTAGTGAGTCTC
TACTTTTATGGAATCTGCAAAGTGATGCCTCAGAACGCTGCGATGACTGGGACTAGAC
ACCATGAGGCAAATCCAAGTGTGTTGAAGATGAGCCAGCTCGCATCAAGTGCCCACTTTT
GAACACTTCTTGAAATCAACTACAGCACAGCCATTCAGCTGGCCTTACTCTGATCTGG
TATTGGACTAGGCAGGACCGGGACCTTGAGGAGCCAATTAACCTCCGCTCCCGGAGAAC
CGCATTAGTAAGGAGAAAGATGTGCTGTGGTTCGGGCCACTCTCCTCAATGACTGCGC
AACTATACCTGCATGTTAAGGAACACTACATATTGCAGCAAAGTGCATTTCCCTTGAA
GTTGTTCAAAAAGACAGCTGTTTCAATCCCCATGAAACTCCCAGTGCATAAACTGTAT
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GTCAAACCGACTACACTTGGTATATGGGCTGTTATAAAATACAGAATTTTAATAATGTA
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TCTTAATTTTTGTTTTGCTCCAGTCAATTCCTGATTATCCACAGGTCAACCCACATTTT
TTCATTCTTCTCCCTATCTGCTTATATCGCATTGCTCATTTAGAGTTTGCAGGAGGCTC
CATACTAGGTTGAGTCTGAAAGAAATCTCCTAATGGTGCTATAGAGAXXXXXXXXXXXXXX
XXXXXXXXXXXXCTCGAC
    
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_002182 unedited GTGCGAATTTTGTAAACGAACACTACTATAGGGCGGCCGGAATTCGCACCAGCAGGTCT CCGGGGTCGCTTTGGCCAGAGGCGCGGAAGGAAGCAGTGCCCGGCGACACTGCACCCAT CCCGGCTGCTTTTGTGCGCCCTCTCAGCTTCCAAGAAAGGCATCGTCATGTGATCATC ACCTAAGAAGTAGAACATCAGCAGGCCCTAGAAGCCTCACTCTTGCCCTCCCTTTAATA TCTCAAAGGATGACACTTCTGTGGTGTGTAGTGAGTCTCTACTTTTATGGAATCCTGCAA AGTGATGCCTCAGAACGCTGCGATGACTGGGACTAGACACCATGAGGCAAATCCAAGTG TTTGAAGATGAGCCAGCTCGCATCAAGTGCCCACTCTTTGAACACTTCTTGAAATCAAC TACAGCACAGCCATTACGCTGGCCTTACTCTGATCTGGTATTGGACTAGGCAGGACCGG GACCTTGAGGAGCCAATTAACCTCCGCCTCCCGAGAACCGCATTAGTAAGGAGAAAGAT GTGCTGTGGTTCCGGCCACTCTCCTCAATGACACTGGCAACTATACCTGCATGTTAAGG AACACTACATATTGCAGCAAAGTTGCATTTCCCTTGAAGTTGTTCAAAAAGACAGCTGT TTCAATCCCCCATGAACTCCAGTGCATAAACTGTATATAGAATATGGCATTAGAGG ATCACTGTCAAATGTAGATGGATATTTTCTTCCAGTGTCAAACCGACTATCACTTGG TATATGNGGCTGTATAAAATACAGAATTTTAATAATGGTATACCCCGAAGGTATGAACT TGAGGTTCTCATTGCCTTAATTTCAAATAATGAAAATACACATGTTGTTGGTACATAT CCCAGAAATGGACGTACGTTTCATCTCCACAGGACTCTG
Restriction Sites:	NotI-NotI
ACCN:	NM_002182
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:	<u>NM_002182.2</u> , <u>NP_002173.1</u>
RefSeq Size:	4726 bp
RefSeq ORF:	1713 bp
Locus ID:	3556
UniProt ID:	<u>Q9NPH3</u>
Cytogenetics:	3q28
Domains:	TIR, 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 (1) encodes the membrane-bound isoform (1).