

Product datasheet for SC328571

IL1RAP (NM_001167930) Human Untagged Clone

Product data:

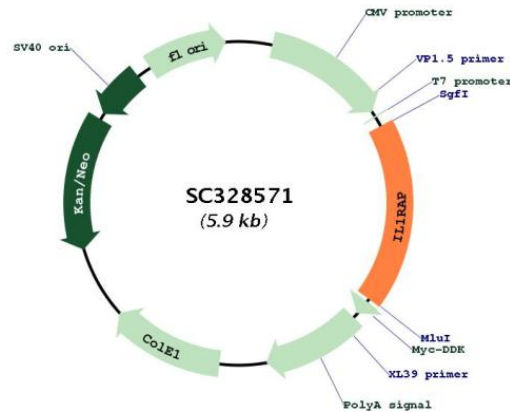
Product Type:	Expression Plasmids
Product Name:	IL1RAP (NM_001167930) Human Untagged Clone
Tag:	Tag Free
Symbol:	IL1RAP
Synonyms:	C3orf13; IL-1RAcP; IL1R3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC328571 representing NM_001167930. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC GCGATCGCC
ATGACACTTCTGTGGTGTAGTGAGTCTCTACTTTTATGGAATCCTGCAAAGTGATGCCTCAGAACGC
TGCGATGACTGGGGACTAGACCCATGAGGCAAATCCAAGTGTGGAAGATGAGCCAGCTCGCATCAAG
TGCCACTCTTTGAACACTTCTTGAAATCAACTACAGCACAGCCATTAGCTGGCCTTACTCTGATC
TGGTATTGGACTAGGCAGGACCGGGACCTTGAGGAGCCAATTA ACTTCCGCCTCCCCGAGAACCGCATT
AGTAAGGAGAAAGATGTGCTGTGGTCCGGCCACTCTCCTCAATGACACTGGCAACTATACCTGCATG
TTAAGGAACACTACATATTGCAGCAAAGTGCATTTCCCTTGGAAGTTGTTCAAAAAGACAGCTGTTTC
AATCCCCCATGAACTCCCAGTGCATAAACTGTATATAGAATATGGCATTAGAGGATCACTTGTCCA
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TATGAGAAAGAACCAGGAGAGGACTACTATCCCTGTACGGTCTATTTTAGTTTTCTGATGGATTCT
CGCAATGAGGTTTGGTGGACCATTGATGGAAAAAACCTGATGACATCACTATTGATGTCACCATTAAC
GAAAGTATAAGTCATAGTAGAACAGAAGATGAAACAAGAATGATTTTGAGCATCAAGAAAGTTACC
TCTGAGGATCTCAAGCGCAGCTATGTCTGTCTGCTAGAGTGAAGTGCCTGCAAGGCGAAGTTGCCAAGCAGCC
AAGGTGAAGCAGAAAGGTAATAGATGCGGTCAAGTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI



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Plasmid Map:


ACCN: NM_001167930

Insert Size: 1071 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).

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:

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_001167930.1](#)

RefSeq Size: 2027 bp

RefSeq ORF: 1071 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
MW:	41 kDa
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 (5) has multiple differences, 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>