

## Product datasheet for **RC230427**

### **IL1RAP (NM\_001167931) Human Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	IL1RAP (NM_001167931) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	IL1RAP
Synonyms:	C3orf13; IL-1RAcP; IL1R3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>RC230427 representing NM\_001167931  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

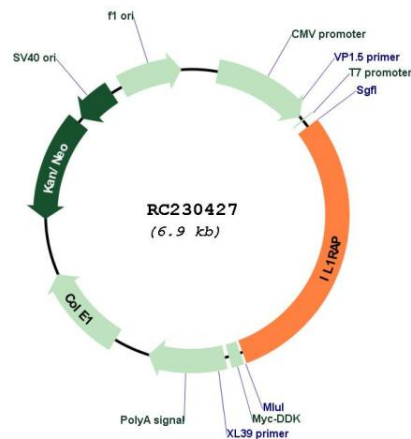
ATGACACTTCTGTGGTGTGTAGTGAGTCTCTACTTTTATGGAATCCTGCAAAGTGATGCCTCAGAACGCT  
 GCGATGACTGGGACTAGACACCATGAGGCAAATCCAAGTGTGTTGAAGATGAGCCAGCTCGCATCAAGTG  
 CCCACTCTTTGAACACTTCTTGAATTCAACTACAGCACAGCCATTCAGCTGGCCTTACTCTGATCTGG  
 TATTGGACTAGGCAGGACCGGGACCTTGAGGAGCCAATTAACCTCCGCCTCCCGAGAACCAGCATTAGTA  
 AGGAGAAAAGATGTGCTGTGGTCCGGCCACTCTCCTCAATGACACTGGCAACTATACCTGCATGTTAAG  
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 CCCATGAAACTCCAGTGCATAAAGTGTATATAGAATATGGCATTAGAGGATCACTTGTCCAAATGTAG  
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 GTGCCAGCTCAAAGATACACAGTGAAGTGGCTTGTGGTTTTGGAGCCACAGTCTGCTAGTGGTGATTC  
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 GTCTGCCTGGGGAAATACAGTGAAGCAGTTTTTGTATTCATTAGAGAAAGCAGAAAGGATGATTGTTGT  
 TCTGAGCCCTGACTATGTGACAGAAAAGAGCATCAGCATGCTGGAGTTTAACTGGGTGTCATGTGCCAG  
 AACTCCATTGCCACCAAGCTCATTGTGGTTGAGTACCGTCCCCTTGAGCACCCGCACCCAGGCATTCTTC  
 AGCTCAAAGAGTCTGTCTTTTGTGAGCTGGAAGGGAGAAAAGTCCAAACATTCTGGCTCTAAATTCTG  
 GAAAGCTTTGCGGTTGGCTCTTCCCTGAGAAGTCTGAGTGCCAGTTCTGGCTGGAATGAGAGCTGCTCT  
 TCCAGTCTGACATCAGTCTGGATCACGTTCAAAGGAGGAGAAGTCGTTTAAAGAGCCCCAGAACTTC  
 AGAGCTCAGAGAGGGCTGCAGGTAGCCCTCCAGCCCAGGCACAATGTCCAAGCACCAGGGAAAGTCCCTC  
 CGCCACCTGCCGCTGTTGTGTCACCTACTGTGAAGGAGAGAATCACCTTAGGAACAAGAGCCGGGCAGAG  
 ATTCATAACCAGCCCAGTGGGAGACACCTCTGTAAGCCTGTTCCCAAGAGTCAGAACTCAATGGA  
 TACAAAATGGCACCAGATTGGAACCCCTGCTCCCAGATCTCAGCCCTTGTCTTTCATCTTACGGGA  
 CTTATCCAATAACAACGACTTTTATATCCTA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



<b>Components:</b>	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>	<u>NM_001167931.2</u>
<b>RefSeq ORF:</b>	2064 bp
<b>Locus ID:</b>	3556
<b>UniProt ID:</b>	<u>Q9NPH3</u>
<b>Cytogenetics:</b>	3q28
<b>Protein Families:</b>	Druggable Genome, Secreted Protein, Transmembrane
<b>Protein Pathways:</b>	Apoptosis, Cytokine-cytokine receptor interaction
<b>MW:</b>	79.1 kDa
<b>Gene Summary:</b>	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]

### Product images:



Circular map for RC230427