

## Product datasheet for **SC336688**

### IL1 Receptor I (IL1R1) (NM\_001288706) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	IL1 Receptor I (IL1R1) (NM_001288706) Human Untagged Clone
Tag:	Tag Free
Symbol:	IL1R1
Synonyms:	CD121A; D2S1473; IL-1R-alpha; IL1R; IL1RA; P80
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >SC336688 representing NM\_001288706.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

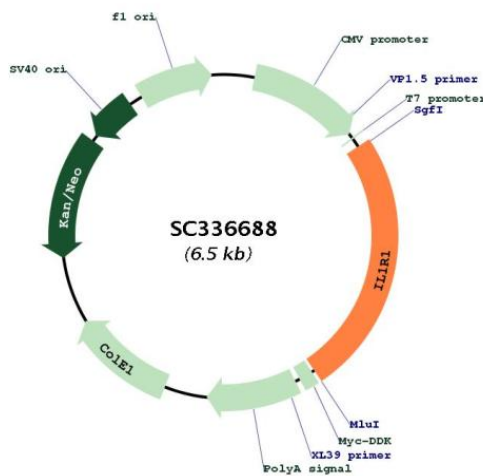
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**Restriction Sites:**

Sgfl-Mlul

**Plasmid Map:**



<b>ACCN:</b>	NM_001288706
<b>Insert Size:</b>	1617 bp
<b>OTI Disclaimer:</b>	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).
<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><a href="#">NM_001288706.1</a></u>
<b>RefSeq Size:</b>	4990 bp
<b>RefSeq ORF:</b>	1617 bp
<b>Locus ID:</b>	3554
<b>UniProt ID:</b>	<u><a href="#">P14778</a></u>
<b>Cytogenetics:</b>	2q11.2-q12.1
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>Protein Pathways:</b>	Apoptosis, Cytokine-cytokine receptor interaction, Hematopoietic cell lineage, MAPK signaling pathway
<b>MW:</b>	62 kDa
<b>Gene Summary:</b>	<p>This gene encodes a cytokine receptor that belongs to the interleukin-1 receptor family. The encoded protein is a receptor for interleukin-1 alpha, interleukin-1 beta, and interleukin-1 receptor antagonist. It is an important mediator involved in many cytokine-induced immune and inflammatory responses. This gene is located in a cluster of related cytokine receptor genes on chromosome 2q12. [provided by RefSeq, Dec 2013]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR and uses an alternate splice site in the 3' coding region compared to variant 1. The resulting protein (isoform 2) is shorter but has the same N- and C-termini compared to isoform 1.</p>