

## Product datasheet for **SC329994**

### **IL31RA (NM\_001242636) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	IL31RA (NM_001242636) Human Untagged Clone
Tag:	Tag Free
Symbol:	IL31RA
Synonyms:	CRL; CRL3; GLM-R; GLMR; GPL; hGLM-R; IL-31RA; PLCA2; PRO21384; zcytoR17
Vector:	pCMV6-Entry (PS100001)

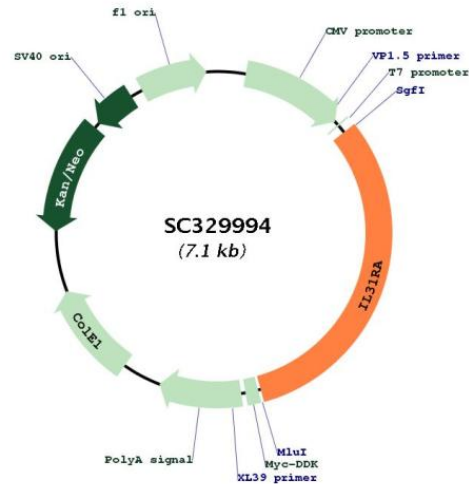


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Fully Sequenced ORF: >SC329994 representing NM\_001242636.  
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGAAGCTCTCTCCCAGCCTTCATGTGTTAACCTGGGGATGATGTGGACCTGGGCACTGTGGATGCTC
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CTTCCAGAGCACACCAAGGGAGAAGTCTAA
```

Restriction Sites: SgfI-MluI

**Plasmid Map:**


**ACCN:** NM\_001242636

**Insert Size:** 2238 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:**

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\\_001242636.1](#)

**RefSeq Size:** 2695 bp

**RefSeq ORF:** 2238 bp

**Locus ID:** 133396

**UniProt ID:** [Q8NI17](#)

**Cytogenetics:** 5q11.2

**Protein Families:** Druggable Genome, Transmembrane

**MW:** 84.3 kDa

**Gene Summary:**

The protein encoded by this gene belongs to the type I cytokine receptor family. This receptor, with homology to gp130, is expressed on monocytes, and is involved in IL-31 signaling via activation of STAT-3 and STAT-5. It functions either as a monomer, or as part of a receptor complex with oncostatin M receptor (OSMR). Several alternatively spliced transcript variants encoding different isoforms have been noted for this gene.[provided by RefSeq, Jun 2011]

Transcript Variant: This variant (2) contains an alternate exon at the 5' end compared to variant 1. This results in use of an alternate translation initiation site, and a shorter isoform (2, also known as GPL745) with a distinct N-terminus compared to isoform 1.