

Product datasheet for RC219348L3

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OriGene Technologies, Inc.

IL11RA (NM_147162) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: IL11RA (NM_147162) Human Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: IL11RA

Synonyms: CRSDA

Mammalian Cell Selection:

Vector:

pLenti-C-Myc-DDK-P2A-Puro (PS100092)

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clone

Puromycin

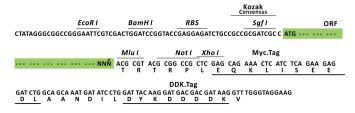
Sequence:

The ORF insert of this clone is exactly the same as(RC219348).

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





st The last codon before the Stop codon of the ORF.

ACCN: NM_147162

ORF Size: 1170 bp





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OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of

reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

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: <u>NM 147162.1</u>, <u>NP 671518.1</u>

RefSeq Size:1458 bpRefSeq ORF:1172 bpLocus ID:3590

Cytogenetics:

Protein Families: Druggable Genome, Transmembrane

9p13.3

Protein Pathways: Cytokine-cytokine receptor interaction, Hematopoietic cell lineage, Jak-STAT signaling pathway

MW: 39.7 kDa

Gene Summary: Interleukin 11 is a stromal cell-derived cytokine that belongs to a family of pleiotropic and

redundant cytokines that use the gp130 transducing subunit in their high affinity receptors. This gene encodes the IL-11 receptor, which is a member of the hematopoietic cytokine receptor family. This particular receptor is very similar to ciliary neurotrophic factor, since

both contain an extracellular region with a 2-domain structure composed of an

immunoglobulin-like domain and a cytokine receptor-like domain. Multiple alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jun 2012]