

## Product datasheet for **SC319416**

### IL11RA (NM\_004512) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	IL11RA (NM_004512) Human Untagged Clone
Tag:	Tag Free
Symbol:	IL11RA
Synonyms:	CRSDA
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for NM\_004512.3  
 GGGGGCTGAGCTGGTGAGAGGAAGTCCTAGAGGCTATGGACACTCTGCTGCTGGGATCA  
 CCGAGATGAGCAGCAGCTGCTCAGGGCTGAGCAGGGTCTGGTGGCCGTGGCTACAGCCC  
 TGGTGTCTGCCTCCTCCCCCTGCCCCAGGCCCTGGGGCCCCCAGGGTCCAGTATGGGC  
 AGCCAGGCAGGTCCGTGAAGCTGTGTTGCCTGGAGTGACTGCCGGGACCCAGTGTCTCT  
 GGTTTCGGGATGGGGAGCCAAAGCTGCTCCAGGGACCTGACTCTGGGCTAGGGCATGAAC  
 TGGTCTTGGCCCAGGCAGACAGCACTGATGAGGGCACCTACATCTGCCAGACCCTGGATG  
 GTGCACCTTGGGGCACAGTGACCCTGCAGCTGGGCTACCCTCCAGCCCGCCTGTTGTCT  
 CCTGCCAAGCAGCCGACTATGAGAACTTCTTGTCACTTGGAGTCCCAGCCAGATCAGCG  
 GTTTACCCACCCGCTACCTCACCTCCTACAGGAAGAAGACAGTCTAGGAGCTGATAGCC  
 AGAGGAGGAGTCCATCCACAGGGCCCTGGCCATGCCACAGGATCCCCTAGGGGTGCC  
 GCTGTGTGTCCACGGGCTGAGTTCTGGAGCCAGTACCGGATTAATGTGACTGAGGTGA  
 ACCCACTGGGTGCCAGCACAGCCTGCTGGATGTGAGCTTGACAGCATCTTGCCCTG  
 ACCCACCCAGGGCTGCGGGTAGAGTCACTACCAGGTTACCCCGACGCTGCGAGCCA  
 GCTGGACATACCCTGCCTCCTGGCCGTGCCAGCCCACTTCTGTCAAGTTCGGTTTGC  
 AGTACCGTCCGGCGCAGCATCCAGCCTGGTCCACGGTGGAGCCAGCTGGACTGGAGGAGG  
 TGATCACAGATGCTGTGGCTGGGCTGCCCATGCTGTACGAGTCACTGCCCGGACTTTC  
 TAGATGCTGGCACCTGGAGCACCTGGAGCCCGAGGCCTGGGAACTCCGAGCACTGGGA  
 CCATACCAAAGGAGATACCAGCATGGGGCCAGCTACACACGCAGCCAGAGGTGGAGCCTC  
 AGGTGGACAGCCCTGCTCCTCCAAGGCCCTCCCTCCAACCACACCCTCGGCTACTTGATC  
 ACAGGGACTCTGTGGAGCAGGTAGCTGTGCTGGCGTCTTTGGGAATCCTTTCTTCTGG  
 GACTGGTGGCTGGGGCCCTGGCACTGGGCTCTGGCTGAGGCTGAGACGGGGTGGGAAGG  
 ATGGATCCCCAAAGCCTGGGTTCTTGGCCTCAGTGATTCCAGTGGACAGGCGTCCAGGAG  
 TCCAAAACCTGTAGAGGACCCAGGAGGGCTTCGGCAGATTCCACCTATAATTCTGTCTTG  
 CTGGTGTGGATAGAAACAGGCAGGACAGTAGATCCCTATGGTTGGATCTCAGCTGGAAG  
 TTCTGTTTGGAGCCATTTCTGTGAGACCCTGTATTTCAAATTTGCAGCTGAAAGGTGCT  
 TGTACCTCTGATTTACCCAGAGTTGGAGTTCTGCTCAAGAACGTGTGTAATGTGTAC  
 ATCTGTGTCCATGTGTGACCATGTGTCTGTGAGGCAGGGAACATGTATTCTGTCATGCA  
 TGTATGTAGGTGCCTGGGAGTGTGTGGGCTCCTGGCTCTGGCCTTCCCCTTGCAG  
 GGGTTGTGACAGGTGTAATAAGAGAATAAGGAAGTCTTGGAAAAAAAAAAAAAAAAAAAA  
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAACCTCGGG

**Restriction Sites:** Please inquire

**ACCN:** NM\_004512

**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).

<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_004512.3, NP_004503.1</u>
<b>RefSeq Size:</b>	1776 bp
<b>RefSeq ORF:</b>	1269 bp
<b>Locus ID:</b>	3590
<b>Cytogenetics:</b>	9p13.3
<b>Domains:</b>	ig, IG, FN3
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>Protein Pathways:</b>	Cytokine-cytokine receptor interaction, Hematopoietic cell lineage, Jak-STAT signaling pathway
<b>Gene Summary:</b>	<p>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]</p> <p>Transcript Variant: This variant (1) is the longest transcript and encodes the full-length isoform (1). Variants 1 and 3 both encode the same isoform.</p>