

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
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >OriGene sequence for NM_004512.3
 GGGGGCTGTAGCTGGTGAGAGGAAGTCCTAGAGGCTATGGACACTCTGCTGCTGGGATCA
 CCGAGATGAGCAGCAGCTGCTCAGGGCTGAGCAGGGTCTGGTGGCCGTGGCTACAGCCC
 TGGTGTCTGCCTCCTCCCCCTGCCCCAGGCTGGGGCCCCCAGGGTCCAGTATGGGC
 AGCCAGGCAGGTCCGTGAAGCTGTGTTGCTCCTGGAGTGACTGCCGGGACCCAGTGTCT
 GGTTCGCGATGGGGAGCCAAAGCTGCTCCAGGGACCTGACTCTGGGCTAGGGCATGAAC
 TGGTCTTGGCCCAGGCAGACAGCACTGATGAGGGCACCTACATCTGCCAGACCCCTGGATG
 GTGCACCTTGGGGCACAGTGACCTGCAGCTGGGCTACCCTCCAGCCCGCCTGTTGTCT
 CCTGCCAAGCAGCCGACTATGAGAACTTCTTGTCACTTGGAGTCCCAGCCAGATCAGCG
 GTTACCACCCGCTACCTCACCTCCTACAGGAAGAAGACAGTCTAGGAGCTGATAGCC
 AGAGGAGGAGTCCATCCACAGGGCCCTGGCCATGCCACAGGATCCCCTAGGGGTGCC
 GCTGTGTTGTCCACGGGCTGAGTTCTGGAGCCAGTACCGGATTAATGTGACTGAGGTGA
 ACCCACTGGGTGCCAGCACAGCCTGCTGGATGTGAGCTTGACAGCATCTTGCCCTG
 ACCCACCCAGGGCTGCGGGTAGAGTCACTACAGGTTACCCCGACGCTGCGAGCCA
 GCTGGACATACCCTGCCTCCTGGCCGTGCCAGCCCACTTCTGTCAAGTTCGGTTTGC
 AGTACCGTCCGGCGCAGCATCCAGCCTGGTCCACGGTGGAGCCAGCTGGACTGGAGGAGG
 TGATCACAGATGCTGTGGCTGGGCTGCCCATGCTGTACGAGTCACTGCCCAGGACTTTC
 TAGATGCTGGCACCTGGAGCACCTGGAGCCCGAGGCCTGGGAACTCCGAGCACTGGGA
 CCATACCAAAGGAGATACCAGCATGGGGCCAGCTACACACGCAGCCAGAGGTGGAGCCTC
 AGGTGGACAGCCCTGCTCCTCCAAGGCCCTCCCTCCAACCACACCCTCGGCTACTTGATC
 ACAGGGACTCTGTGGAGCAGGTAGCTGTGCTGGCGTCTTTGGGAATCCTTTCTTCTGG
 GACTGGTGGCTGGGGCCCTGGCACTGGGCTCTGGCTGAGGCTGAGACGGGGTGGGAAGG
 ATGGATCCCAAAGCCTGGGTTCTTGGCCTCAGTGATTCCAGTGGACAGGCGTCCAGGAG
 TCCAAAACCTGTAGAGGACCCAGGAGGGCTTCGGCAGATTCCACCTATAATTCTGTCTTG
 CTGGTGTGGATAGAAACAGGCAGGACAGTAGATCCCTATGGTTGGATCTCAGCTGGAAG
 TTCTGTTTGGAGCCATTTCTGTGAGACCCTGTATTTCAAATTTGCAGCTGAAAGGTGCT
 TGTACCTCTGATTTACCCAGAGTTGGAGTTCTGCTCAAGGAACGTGTGTAATGTGTAC
 ATCTGTGTCCATGTGTGACCATGTGTCTGTGAGGCAGGGAACATGTATTCTGTCATGCA
 TGATGTAGGTGCCTGGGAGTGTGTGGGCTCCTGGCTCTGGCCTTCCCCTTGCAG
 GGGTTGTGCAAGTGTGAATAAAGAGAATAAGGAAGTCTTGGAAAAAAAAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAACCTCGGG

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).

Reconstitution Method:	<ol style="list-style-type: none">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_004512.3, NP_004503.1</u>
RefSeq Size:	1776 bp
RefSeq ORF:	1269 bp
Locus ID:	3590
Cytogenetics:	9p13.3
Domains:	ig, IG, FN3
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Cytokine-cytokine receptor interaction, Hematopoietic cell lineage, Jak-STAT signaling pathway
Gene Summary:	<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>