

Product datasheet for SC309505

IL11RA (NM_147162) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	IL11RA (NM_147162) Human Untagged Clone
Tag:	Tag Free
Symbol:	IL11RA
Synonyms:	CRSDA
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC309505 representing NM_147162. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAGCAGCAGCTGCTCAGGGCTGAGCAGGGTCCCTGGTGGCCGTGGCTACAGCCCTGGTGTCTGCCTCC
TCCCCCTGCCCCAGGCCTGGGGCCCCCAGGGTCCAGTATGGGCAGCCAGGCAGGTCCGTGAAGCTG
TGTTGTCTGGAGTACTGCCGGGGACCCAGTGTCTGGTTTCGGGATGGGGAGCCAAAGCTGCTCCAG
GGACCTGACTCTGGGCTAGGGCATGAACTGGTCTGGCCAGGCAGACAGCACTGATGAGGGCACCTAC
ATCTGCCAGACCCTGGATGGTGCCTTGGGGGCACAGTACCCTGCAGCTGGGCTACCCTCCAGCCCCG
CCTGTTGTCTCCTGCCAAGCAGCCGACTATGAGAACTTCTTTGCACTTGGAGTCCAGCCAGATCAGC
GGTTTACCCACCCGCTACCTCACCTCCTACAGGAAGAAGACAGTCTAGGAGCTGATAGCCAGAGGAGG
AGTCCATCCACAGGGCCCTGGCCATGCCACAGGATCCCCTAGGGGCTGCCCGCTGTGTTGTCCACGGG
GCTGAGTCTGGAGCCAGTACCGGATTAATGTGACTGAGGTGAACCCACTGGGTGCCAGCACACGGCTG
CTGGATGTGAGCTTGAGAGCATCTTGCCGCCCTGACCCACCCAGGGCCTGCCGGGTAGAGTCAGTACCA
GGTTACCCCGACGCCTGCGAGCCAGCTGGACATACCCTGCCTCCTGGCCGTGCCAGCCCCACTTCTCTG
CTCAAGTCCGTTTGCAGTACCGTCCGGCGCAGCATCCAGCCTGGTCCACGGTGGAGCCAGCTGGACTG
GAGGAGGTGATCACAGATGCTGTGGCTGGGCTGCCCATGCTGTACGAGTCAGTGCCCGGACTTTCTA
GATGCTGGCACCTGGAGCACCTGGAGCCCGAGGCCTGGGGAACCTCCAGCACTGGGACCATACCAAAG
GAGATACCAGCATGGGGCCAGCTACACACGCAGCCAGAGGTGGAGCCTCAGGTGGACAGCCCTGCTCCT
CCAAGGCCCTCCCTCAAACCACACCCTCGGCTACTTGATCACAGGGACTCTGTGGAGCAGGTAGCTGTG
CTGGCGTCTTTGGGAATCCTTTCTTCTGGGACTGTTGGCTGGGGCCCTGGCACTGGGGCTCTGGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites: Sgfl-Mlul



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Plasmid Map:	□
ACCN:	NM_147162
Insert Size:	1173 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).
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:	NM_147162.1
RefSeq Size:	1458 bp
RefSeq ORF:	1173 bp
Locus ID:	3590
Cytogenetics:	9p13.3
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Cytokine-cytokine receptor interaction, Hematopoietic cell lineage, Jak-STAT signaling pathway
MW:	41.8 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] Transcript Variant: This variant (2) skips a splice site utilized by variant 1 and immediately encounters a stop codon. The encoded isoform (2) is a shorter, truncated isoform compared to isoform 1.