

## Product datasheet for **SC322566**

### IL22RA1 (NM\_021258) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	IL22RA1 (NM_021258) Human Untagged Clone
Tag:	Tag Free
Symbol:	IL22RA1
Synonyms:	CRF2-9; IL22R; IL22R1
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 SC322566  
 GCAGAGTAGAGGCCAAGGGAGGGCTCTGTGCCAGCCCCGATGAGGACGCTGCTGACCATC  
 TTGACTGTGGGATCCCTGGCTGCTCACGCCCTGAGGACCCCTCGGATCTGCTCCAGCAC  
 GTGAAATTCCAGTCCAGCAACTTTGAAAACATCCTGACGTGGGACAGCGGGCCGGAGGGC  
 ACCCCAGACACGGTCTACAGCATCGAGTATAAGACGTACGGAGAGAGGGACTGGGTGGCA  
 AAGAAGGGCTGTACAGGGATCACCCGGAAGTCTGCAACCTGACGGTGGAGACGGGCAAC  
 CTCACGGAGCTCTACTATGCCAGGGTCACCGCTGTCAGTGCGGGAGGCCGGTCAGCCACC  
 AAGATGACTGACAGGTTACGCTCTCTGCAGCACACTACCCTCAAGCCACCTGATGTGACC  
 TGTATCTCCAAAGTGAGATCGATTGAGATGATTGTTTCATCCTACCCACGCCATCCGT  
 GCAGGCGATGGCCACCGGCTAACCTGGAAGACATCTTCCATGACCTGTTCTACCACTTA  
 GAGCTCCAGGTCAACCGCACCTACCAAATGCACCTTGGAGGGAAGCAGAGAGAATATGAG  
 TTCTTCGGCTGACCCCTGACACAGAGTTCCTTGGCACCATCATGATTTGCGTTCACC  
 TGGGCCAAGGAGAGTGCCCCCTACATGTGCCGAGTGAAGACACTGCCAGACCGGACATGG  
 ACCTACTCCTTCTCCGGAGCCTTCTGTTCTCCATGGGCTTCTCGTCGAGTACTCTGC  
 TACCTGAGCTACAGATATGTCACCAAGCCGCTGCACCTCCCACTCCCTGAACGTCCAG  
 CGAGTCCTGACTTTCAGCCGCTGCGCTTCATCCAGGAGCACGTCTGATCCCTGTCTTT  
 GACCTCAGCGGCCCCAGCAGTCTGGCCAGCCTGTCCAGTACTCCAGATCAGGGTGTCT  
 GGACCCAGGGAGCCTGCAGGAGCTCCACAGCGGCATAGCCTGTCCGAGATCACCTACTTA  
 GGGCAGCCAGACATCTCCATCCTCCAGCCCTCCAACTGACCACCTCCCGAGATCCTCTCC  
 CCACTGTCTATGCCCAAACGCTGCCCTGAGGTGCGGCCCCCATCTATGCACCTCAG  
 GTGACCCCGAAGCTCAATTCCTTCTACGCCCCACAGGCCATCTCTAAGTCCAGCCT  
 TCCTCCTATGCCCTCAAGCCACTCCGGACAGCTGGCCTCCCTCCTATGGGGTATGCATG  
 GAAGGTTCTGGCAAAGACTCCCCACTGGGACACTTTCTAGTCCTAAACACCTTAGGCCT  
 AAAGGTACGTTTCAAAAAGGCCACCAGCTGGAAGCTGCATGTTAGGTGGCCTTTCTCTG  
 CAGGAGGTGACCTCCTTGCTATGGAGGAATCCCAAGAAGCAAAATCATTGCACAGCCC  
 CTGGGGATTTGCACAGACAGAACATCTGACCCAAATGTGCTACACAGTGGGGAGGAAGGG  
 ACACCACAGTACCTAAAGGGCCAGCTCCCCCTCCTCCTCAGTCCAGATCGAGGGCCAC  
 CCCATGTCCCTCCCTTTCACACCTCCTTCCCGTCCATGTTCCCCCTCGGACCAAGGTCCA  
 AGTCCCTGGGGCCTGCTGGAGTCCCTTGTGTGCCAAGGATGAAGCCAAGAGCCCAGCC  
 CCTGAGACCTCAGACCTGGAGCAGCCACAGAAGTGGATTCTCTTTTTCAGAGGCCTGGCC  
 CTGACTGTGACAGTGGGAGTCTGAGGGGAATGGGAAAGGCTTGGTGTCTCCTCCCTGTCC  
 CTACCCAGTGTACATCCTTGGCTGTCAATCCCATGCCTGCCACGCCACACACTCTGCG  
 ATCTGGCCTCAGACGGGTGCCCTTGAGAGAAGCAGAGGGAGTGGCATGCAGGGCCCTGC  
 CATGGGTGCGCTCCTCACCGGAGCAAAGCAGCATGATAAGGACTGCAGCGGGGGAGCTCT  
 GGGGAGCAGCTTGTGTAGACAAGCGCTGCTCGCTGAGCCCTGCAAGGCAGAAATGACAG  
 TGCAAGGAGGAAATGCAGGGAACCTCCCGAGGTCCAGAGCCCCACCTCCTAACACCATGG  
 ATTCAAAGTGCTCAGGGAATTTGCCTCCTTGCCTTCTCCTGGCCAGTTTCACAATCT  
 AGCTCGACAGAGCATGAGGCCCTGCCTTCTGTGATTGTTCAAAGGTGGGAAGAGAGC  
 CTGAAAAGAACCAGGCCTGAAAAGAACCAGAAGGAGGCTGGGCAGAACCAGAACAACC  
 TGCACTTCTGCCAAGGCCAGGGCCAGCAGGACGGCAGGACTCTAGGGAGGGGTGTGGCCT  
 GCAGCTCATTCCAGCCAGGGCAACTGCCTGACGTTGCACGATTTTCAGCTTATTCTCT  
 GATAGAACAAGCGAAATGCAGGTCCACCGAGGGAGGAGACACAAGCCTTTTCTGCAG  
 GCAGGAGTTTTCAGACCCTATCCTGAGAATGGGGTTTGAAGGAAGGTGAGGGCTGTGGCC  
 CCTGGACGGGTACAATAACACACTGTACTGATGCACAACCTTTCAGAGCTCTGCCTTGGG  
 TTCAGCCATCTGGGCTCAAATTCAGCCTCACCCTCACAAGCTGTGTGACTTCAAACA  
 AATGAAATCAGTGCACAGAACCTCGGTTTCTCATCTGTAATGTGGGGATCATAACCT  
 ACCTCATGGAGTTGTGGTGAAGATGAAATGAAGTATGTCTTTAAAGTGCTTAATAGTGC  
 CTGGTACATGGGACGTGCCCAATAAACGGTAGCTATTTAAAAAAAAAAAAAAAAAAAAAA  
 AAAA

**Restriction Sites:**

Please inquire

<b>ACCN:</b>	NM_021258
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	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.
<b>Components:</b>	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><a href="#">NM_021258.2</a></u> , <u><a href="#">NP_067081.2</a></u>
<b>RefSeq Size:</b>	2811 bp
<b>RefSeq ORF:</b>	1725 bp
<b>Locus ID:</b>	58985
<b>UniProt ID:</b>	<u><a href="#">Q8N6P7</a></u>
<b>Cytogenetics:</b>	1p36.11
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>Protein Pathways:</b>	Cytokine-cytokine receptor interaction, Jak-STAT signaling pathway
<b>Gene Summary:</b>	The protein encoded by this gene belongs to the class II cytokine receptor family, and has been shown to be a receptor for interleukin 22 (IL22). IL22 receptor is a protein complex that consists of this protein and interleukin 10 receptor, beta (IL10BR/CRFB4), a subunit also shared by the receptor complex for interleukin 10 (IL10). This gene and interleukin 28 receptor, alpha (IL28RA) form a cytokine receptor gene cluster in the chromosomal region 1p36. [provided by RefSeq, Jul 2008]