

Product datasheet for **SC321349**

IL10RB (NM_000628) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	IL10RB (NM_000628) Human Untagged Clone
Tag:	Tag Free
Symbol:	IL10RB
Synonyms:	CDW210B; CRF2-4; CRFB4; D21S58; D21S66; IL-10R2
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_000628 edited
 CCGGAAGCCGCCGCGACAAGCTCTCCCGGGCGCGGGCGGGGTCGTGTGCTTGGAGGAA
 GCCCGGAACCCCGAGCGTCCGTCATGGCGTGGAGCCTTGGGAGCTGGCTGGGTGGCTG
 CCTGCTGGTGTGAGCATTGGGAATGGTACCACCTCCCGAAAATGTCAGAATGAATTCTGT
 TAATTTCAAGAACATTCTACAGTGGGAGTACCTGCTTTTGCCAAAGGGAACCTGACTTT
 CACAGCTCAGTACCTAAGTTATAGGATATTCCAAGATAAATGCATGAATACTACCTTGAC
 GGAATGTGATTTCTCAAGTCTTTCCAAGTATGGTGACCACACCTTGAGAGTCAGGGCTGA
 ATTTGCAGATGAGCATTAGACTGGGTAACATCACCTTCTGTCCTGTGGATGACACCAT
 TATTGGACCCCTGGAATGCAAGTAGAAGTACTTGCTGATTCTTTACATATGCGTTTCTT
 AGCCCCTAAAATTGAGAAATGAATACGAAACTTGGACTATGAAGAATGTGTATAACTCATG
 GACTTATAATGTGCAATACTGGAAAAACGGTACTGATGAAAAGTTTCAAATTACTCCCA
 GTATGACTTTGAGGTCTCAGAAACCTGGAGCCATGGACAACCTATTGTGTTCAAGTTTCG
 AGGTTTTCTTCTGATCGGAACAAAGCTGGGGAATGGAGTGAGCCTGTCTGTGAGCAAAC
 AACCCATGACGAAACGGTCCCCTCCTGGATGGTGGCCGTCATCCTCATGGCCTCGGTCTT
 CATGGTCTGCCTGGCACTCCTCGGCTGCTTCGCCTTGCTGTGGTGCCTTTACAAGAAGAC
 AAAGTACGCCTTCTCCCCTAGGAATTCTTCCACAGCACCTGAAAGAGTTTTTGGGCCA
 TCCTCATCATAACACACTTCTGTTTTTCTCCTTCCATTGTCCGATGAGAATGATGTTTT
 TGACAAGCTAAGTGTGATTGAGAAAGACTCTGAGAGCGGCAAGCAGAATCCTGGTGACAG
 CTGCAGCCTCGGGACCCCGCCTGGGCAGGGGCCCAAAGCTAGGCTCTGAGAAGGAAACA
 CACTCGGCTGGGCACAGTACGACTCCATCTCACATCTGCCTCAGTGAGGGATCAGGGC
 AGCAACAAGGGCCAAGACCATCTGAGCCAGCCCCACATCTAGAAGTCCCAGACCCTGGA
 CTTAGCCACCAGAGAGCTACATTTTAAAGGCTGTCTTGGCAAAAATACTCCATTTGGGAA
 CTCACCTGCCTTATAAAGGCTTTTCATGATGTTTTTCAAGATTGGCCACTGAGAGTGAATT
 TTCAGCCTTTTATCACTAAAATAAGATCATGTTTTAATTGTGAGAAACAGGGCCGAGC
 ACAGTGGCTCACGCCTGTAATACCAGCACCTTAGAGGTGAGGCAGGCGGATCACTTGAG
 GTCAGGAGTTCAAGACCAGCCTGGCCAATATGGTAAAACCCAGTCTCTACTAAAAATACA
 AAAATTAGCTAGGCATGATGGCGCATGCCTATAATCCCAGCTACTCGAGTGCCTGAGGCA
 GGAGAATTGCATGAACCCGGGAGGAGGAGGAGGTTGAGTGCAGCCGAGATAGCGGCA
 CTGCACCTCCAGCCTGGGTGACAAAAGTGAAGTCCATCTCAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_000628

Insert Size: 1700 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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 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_000628.3 , NP_000619.3
RefSeq Size:	1935 bp
RefSeq ORF:	978 bp
Locus ID:	3588
UniProt ID:	Q08334
Cytogenetics:	21q22.11
Domains:	Tissue_fac
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Cytokine-cytokine receptor interaction, Jak-STAT signaling pathway
Gene Summary:	The protein encoded by this gene belongs to the cytokine receptor family. It is an accessory chain essential for the active interleukin 10 receptor complex. Coexpression of this and IL10RA proteins has been shown to be required for IL10-induced signal transduction. This gene and three other interferon receptor genes, IFAR2, IFNAR1, and IFNGR2, form a class II cytokine receptor gene cluster located in a small region on chromosome 21. [provided by RefSeq, Jul 2008]