

Product datasheet for **RR209580**

Il10ra (NM_057193) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Il10ra (NM_057193) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Il10ra
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>RR209580 representing NM_057193
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTTGCCGCTTTACTCCCATTCTCGTCTCGATCTCCAGCCTGAGCCTGGGCTCCGCGCACACGGGA
 CAGAACTGCCGAGCCCTTCTCCGTGTGGTTGAAGCCAGATTTTCCAGCACATCTCCGCTGGATGTC
 TATCCCAAACAGTCTGAGAGCACCTACTACGAAGTGGCCCTCAAGAAGTACGGAACCTCGTCTGGAAA
 GACATCCACATCTGTAGCAAGGCTCAGACATTGCTCTGCGATCTCACAACGTCCACCCTAGATCTGTACC
 ACAGCTCTGGCTACCGGGCCAGAGTCCGGGCGAGTGGACAACAGTCAAGTATTCCAAGTGGACCATCACTGA
 AACTCGCTTACAGTGGATGAAGTATTCTGACGGTGGATAGCGTGACGCTGAAAGTAAAGCAACGGCTTC
 ATCTACGGGACAATCCATCCCCCAGGCCAATTTAGTCCCTGTAGGTGACGAGTATGAACAGATCTTCA
 CGCACCACCGCATTTACAGGGTTTGCATTCGGAAGTTCTCAGAACAAAAGAATATAACCAAGACAGTGGGA
 GCAAGAAAATTCACCCTCGAAGTCCAAAAGGGATGAGAAAGTTTTGTGTCAAGGTGATGCCTCACGTG
 GAATCCCGAATTAACAAGGCAGAGTGGTCGGAGGAGCAGTGTTCATGTACGACGGAGCATTATTTCA
 CCGTGACCAACCTCAGCATTTTCTTCTTATCCATCCTGATACTCTGTGGAGCCCTGGTCTGCCTGTTCT
 CCTGTGGTACATCCGGCACCCGGGGAAGTTACCTGCAGTCTGGTCTTCGAGAAGCCTCCCGACTTCTG
 CTGGCCAAACCCTCGTGGCCAGAGACTCTCGATGACATTCACATCCTGGACCTGGAGGCCTCCCAAAGG
 TGTCAACCCGAGCTGAAAGACTCAGACCTGCATGGCAGCACCGACAGTGGCTTTGGCAGTGGCAAACCATC
 ACTTCAGACGGAAGAATCCAAATTTCTTCTCTTACTCCACGCCAGATACAGGAGACTCTGGGAAAG
 GAAGGCTCTTACAGCTACAGGACACCTGTGGGACAACACGGACAGTGGGATCTGCTTGCAGGAGTCCA
 GCTTACTCTAGCATGGTCTCCCTGGAAGCAGCAGTTCGGATATACCCACCAGGACAGGATGACAG
 TGACCTAGTCCAGAACTCTCAGGGCATCTAAGCACACACAGGATGGCTCCGCCTTGGGCCATGGTTGT
 CTCTAGAGCCTGAAGTCCCTGAGGAGAAAGACCAAGTATGGTAACGTTCCAGGGCTACCAAGAAGCAGA
 CCAGATGGAAGGAGGAAGCAGCAGAACCTTTGGACGGAGAGATTCCCTTGGCAGAAGCCTTTGATCCTGA
 ACTCGGGGTGCGCTGCAGGGTATTAGCTTGGCCTCTGTGGCTCTAGCCACGGGTTATTTGAAACAG
 GAGTCTCAAGGGATGGCCTCTGCTCCACCGGGACACCAAGTAGACAGTGGAAATCAACTGGCTGAGGAAT
 GCTCACTCTGGGTGTGGTTAGCTGTGAAGACCTAAGCATAGAGAGTTTGGGTTTGGCCATGAAGTTGT
 CCCTCTGGACTGTGGGCGAGCCTCTAGTGGCTCCTGGATAGCCTTGGCACTAATCTGGTACCCTGCCA
 TTGATCTCCAGCCTGCAGATAGAAGAG

ACGCGTACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR209580 representing NM_057193
 Red=Cloning site Green=Tags(s)

MLPRLLPFLVSISSLGLGFRAHGTELPSPSSVWFEARFFQHILRWMSIPNQSESTYYEVALKKYGTSVWK
 DIHICSKAQTLSCDLTTSTLDL YHSSGYRARVRAVDNSQYSNWTITETRFVDEVILTVDSVTLKVSNGF
 IYGTIHPPRPNLVPVGDEYEQIFTHHRIYRVCIRKFSEQKNITKVEQENFTLEVPKGMRFKCVKVMPPHV
 ESRINKAEWSEEQCLHVTTEHYFTVTNLSIFFLSILILCGALVCLVLLWYIRHPGKLPVAVLVFEKPPDFL
 LANPRCPETLDDIHILDLEAFPKVSPKLDSDLHGSTDGSGFGSGKPSLQTEESQFFLLDASHAQIQETLQK
 EGSSSELQDTCGDNTDSGICLQESSLHSSMGPPWKQGFYTHQDQDSDLVQNSPGHPKHTQDGSALGHGC
 LLEPEVPPEEKDQVMVTFQGYQKQTRWKEEAAEPLDGEIPLAEAFDPELGVRLQGDGSAWPPVALATGYLKQ
 ESQGMASAPPGTPSRQWNLAEECSSLGVVSCEDLSIESLGFALVPLDCGAASSGLLDSLGNLVTLP
 LISSLQIEE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

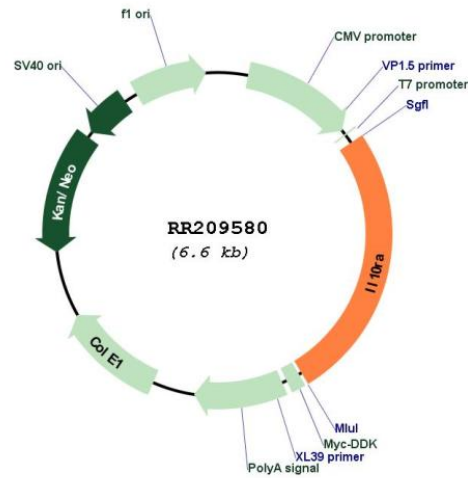
Cloning Scheme:

Cloning sites used for ORF Shutting:



* The last codon before the Stop codon of the ORF

Plasmid Map:



ACCN:

NM_057193

ORF Size:	1707 bp
OTI Disclaimer:	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 clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_057193.2 , NP_476541.2
RefSeq Size:	1814 bp
RefSeq ORF:	1710 bp
Locus ID:	117539
Cytogenetics:	8q22
MW:	63.4 kDa
Gene Summary:	alpha chain of receptor for interleukin 10 that may play a role as a central regulator of inflammation [RGD, Feb 2006]