

Product datasheet for **RR213903**

Il2rb (NM_013195) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Il2rb (NM_013195) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Il2rb
Synonyms:	IL2RBC
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide Sequence:

>RR213903 representing NM_013195
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCACCGTAGACCTTTCGTGGCGTCTGCCCTCTACATCCTCCTTCTGCTCCTGGTACAACCTGGG
 TGCTGCAGCAGTGAACGACTGTCCCCTTAAGTGCTTCTACAACCAAGAGCCAATGTCTCCTGCAT
 GTGGAGCCCTGAAGAGGCCCTGAACGTCACATCCTGTACATCCATGCCAAGTCGGATATGCGACTGG
 AATAAAACCTGTGAGCTAACCCCTGTGAGGCAGGCATCCTGGGCCTGCAACCTGATTCTCGGGCCCTCC
 CAGATCCAGTCACTGACCTCCGTAGACCTCCTCAGCCTAAGTGTGGTGTGCTGGGAAGAGAAGGGGTG
 GCGTAGGGTGAAGACCTGCACCTCCATCCCTTGACAACCTTCGCTGATTGCCCTCATTCCCTACAA
 GTCCTGCACATTGAAACCCGGAGATGTAAACATAAGCTGGGAGGTGCCAGGTCTCTCACTACGTTAATC
 CATACTTGAATTTGAGGCCGTAGACGCTTCTGGACCGTAGCTGGGAGGATGCATCCGTATTCAGCCT
 CAAGCAGAGGCAGCAGTGGATCTTCTGGAGACGCTGACCCTGCACCTCATATGAGCTCCAGGTGAGG
 GTCATAGCTCAACGTGGCAAAACCAGGACTGGAGCCCTGGAGCCAGCCATGGCCTTTTCGGACAAGGC
 CAGCAGATCCTAAGGAGATCTTCCCCTGCCATGGCTCAGATGCCTTCTACTGGTCTCGGCTGCTTCTT
 TGGCTTCTGTCTGCGTCTGCGTTTTGGTCAAGTGCCGCTACCTTGGGCCATGGCTGAAGACACTTCTC
 AAGTGCCACATCCCAGATCCGTCTGAGTCTTCTCCCACTGAGCTCCAGCATGGGGGAGACCTTCAGA
 AATGGCTCTCCTCGCCTGTCCCCAATCCTTCTCAGCCCCACTGGCTCTGCACCTGAGATCTCCCCACT
 GGAAGTGCTTGACAGAGATCCAAGACCATGCAGATGCTCCTGTTTCAGAAGGAGAAGGCCTCTTCAACC
 TCGCCCAGTGGCCACTCACAGCCAGCTGCTTCCACCAACCAAGGTTACTTCTTCCATTGTCCAATG
 CCTTGGAGATCGAGTCTGCCAGGTGTACTTACCTATGACCCCTGCATGGAGGAGATGTGGAGGAAGA
 TGGGCCAAGGCTGCCCGAGGAATCTCCCCTCCCACCTCTGCTGCCCTTCACTGGAGAACAGGATGACTAC
 TGTGCCTTCCCGCCAGGGATGACCTGCTGCTTCTCCCAAGCATGAGCACCCCAACTGCCTATG
 GGAACAGCATAACCCCGAAGAAAGGCCTCCCCTCTCCCTGCAGGAGGGGCTGCCCTCCCTAGCATCCCC
 TGACCTGATGGGCTTACAGCACCTCTGGAGCTGGAGCTGGGAGATGATGGAGAAGGGATGTCTACCAAT
 AGCTCTGGGCAACAGGCCAGTGTCCCGAAGCAGCTCTCATGGGCACGACCAAGACAGAGGCCAGGCCTG
 TCCTGACTCTAAACTGATGCCTATCTGTCTTCAAGAACTACAGGCCAAGATTCAGCCACCTAAT
 A

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR213903 representing NM_013195
 Red=Cloning site Green=Tags(s)

MATVDLSWRLPLYILLLLATTWVSAAVNDCSHLKFYNSRANVSCMWSPEEALNVTSCIHAKSDMRHW
 NKTCELTPVRQASWACNLILGPLPDSQSLTSVDLLSLSVVCWEEKGWRRVKTCTFHPFDNLRLIAPHSLQ
 VLHIETRRCNISWEVSQVSHYVNPYLEFEARRLLDRSWEDASVFLKQRQWIFLETLPDTSYELQVR
 VIAQRGKTRTWSPWSQPMFRTRPADPKEIFPLPWLRLLLVLGCFGFGLSCVCLVKRYLGPWLKLL
 KCHIPDPSEFFSQLSSQHGDLQKWLSSPVPQSFSPGSAPEISPLEVLDLDRDSKTMQMLLFQKEKASSP
 SPSGHSQASCFTNQGYFFHLSNALEIESCQVYFTYDPCMEEDVEEDGPRLPEESPLPPLLPFTGEQDDY
 CAFPPRDDLLFSPSMSTPNTAYGNSITPEERPPLSLQEGLPSLASPDLMGLQHPLELELGDDGEGMSTN
 SSGQQASVPEAALMGTTKTEARPVLTNTDAYLSLQELQAQDSAHLI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

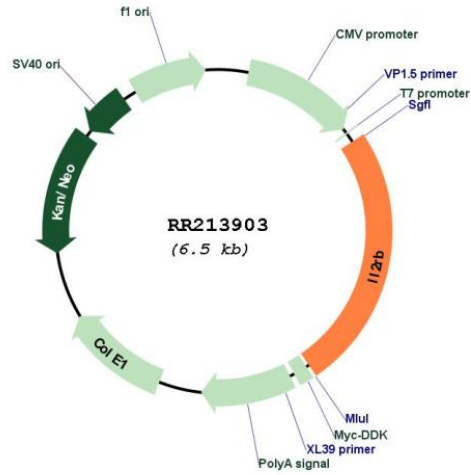
Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

Plasmid Map:



ACCN:	NM_013195
ORF Size:	1611 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_013195.1 , NP_037327.1
RefSeq Size:	2598 bp
RefSeq ORF:	1614 bp
Locus ID:	25746
UniProt ID:	P26896
Cytogenetics:	7q34
MW:	60.7 kDa
Gene Summary:	beta chain of receptor for interleukin 2 [RGD, Feb 2006]