

## Product datasheet for **RR203092**

### **Il5ra (NM\_053645) Rat Tagged ORF Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Il5ra (NM\_053645) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Il5ra  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RR203092 representing NM\_053645  
**Red=Cloning site Blue=ORF Green=Tags(s)**

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGTGCCTGTGTTACTAATTCTTATGGGAGCTTCGGCAACACTGCATGCTGACTTACTTTCTCCTGAAA  
AGTTTTTACTTCTGCCACCTGTCAATTTTACCATTAAAGCCACCGGATTAGCTCAAGTTCTTTTACACTG  
GGACCCAATCCTGACCAAGATCCTGTGGATCTAGAGTACCATGTAAAAATAAATGTTCCACAAGAAGAC  
GAATATGATACTAAAAATACTGAAAGCAAATGCGTGACCCCACTTCATGAATGCTTTCAGCGAGTGTA  
GGACATTCTGAAGAGCATCCACTCTCCCTGGCCAGCAGCTGGGTTTCTGCTGAACTCAAAGCTCCACC  
AGGATCTTCTGGCACCTCGGTTATGAATTTAACTTGACCACAAACACTGTCAAAGTAGCCACACCCAC  
TTCAGGCCATACCAAGTTTCTCTCGTTGCACCTGGCTTGTGGCAAGGATGCCCTGAGGACACACAGT  
ATTTCTATACTATAGGTTTGTGTTGGACTGAAGAATGCCAAGAATACAGCAGAGATGCACTGAACAG  
AAATATTGCATGCTGGTCCCGAGGACATTTATCAACAGCAAAGGGTTTGAACAGCTTGTGTGCACATT  
AATGGTTCAAGCAAGCAGCTGCAACCAAGCCCTTGGATCAGCTGTTCACTCTATATGCCATTGATCAAG  
TGATCCTCCAATGAATGTCACAGTGAAATTGAAAACAATTCTCTCTATATACAATGGGAAAACCACT  
TTCTGCCTTCCAGTCCATTGCTTTAAGTATAAACTGAAAATTTACAACAAAAAATGGTTACTCTCAG  
ATGAAAAACCTGGTCACCAATAAGTTTCTCTCAAAAATTGATGATGTTTCTACATATTCCATTCAAGTGA  
GAGCAGCTGTGAGCTCACCTTGCAGGATGTGAGGAACTGGGGCAGTGGAGTCAACCGATTTATGTGGG  
AAAGAAAAAGAAGCCCTTGGTAGAATGGCATCTCATCGTCTCCAACAGCCATCTGCTTCTTGTGTTA  
ATCTTCTCACTCATCTGCAGAGTGTATCACCTATGGACAAGGTTGTTCCACCAGTTCGGGCCAAAGA  
GTAGCATCAAAGATCTCCCTGTGGTGACTGAATATGAGAACTCCTTGGAAATGAAACAAAATTGAAAT  
CGTACATTTTGTAGAAGAGGATGGATTTGAAGTCATGGAAAATTCCTGTTT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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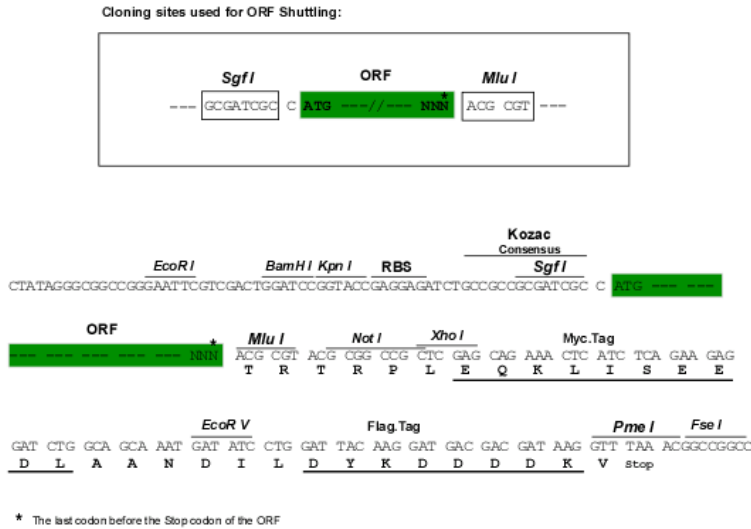
**Protein Sequence:** >RR203092 representing NM\_053645  
Red=Cloning site Green=Tags(s)

MVPVLLILMGASATLHADLLSPEKFLLLPPVNFTIKATGLAQLLHWDPNPDQDPVDLEYHVKINVPQED  
 EYDTKNTEKSCVTPLEHCFEFAASVRTILKSIHSPASSWVSAELKAPPGSSGTSVMNLTCTTNTVKSSHTH  
 FRPYQVSLRCTLVVGKDAPEDTQYFLYYRF SVWTEECQEYSRDALNRNIACWFPRTF INSKGFEQLAVHI  
 NGSSKHAATKPLDQLFTLYAIDQVNPPMNVTVETIENNSLYIQWGKPLSAFPVHCFKYKLIYNTKNGYSQ  
 MENLVTNKFISKIDDVSTYSIQVRAAVSSPCRMMSGWGEWSQPIYVGKKKPLVEWHLIVLPTAICFILL  
 IFSLICRVYHLWTRLFPPVPAPKSSIKDLPVVTEYEKPPWNETKIEIVHFVEEDGFEVMENSLF

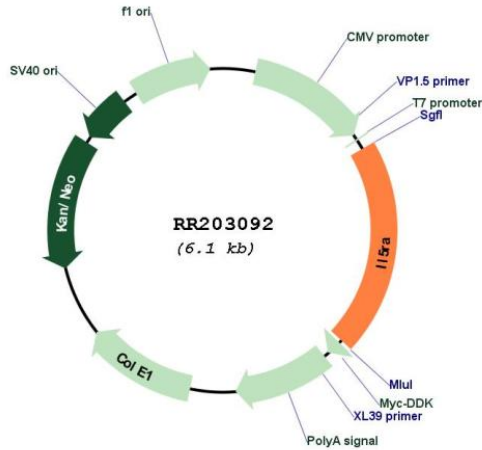
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_053645

<b>ORF Size:</b>	1242 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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>	<a href="#">NM_053645.1</a> , <a href="#">NP_446097.1</a>
<b>RefSeq Size:</b>	1245 bp
<b>RefSeq ORF:</b>	1245 bp
<b>Locus ID:</b>	114103
<b>Cytogenetics:</b>	4q41
<b>MW:</b>	47.1 kDa
<b>Gene Summary:</b>	mediates the activity of interleukin 5 [RGD, Feb 2006]