

## Product datasheet for RN206109

### Il2rg (NM\_080889) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Il2rg (NM\_080889) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Il2rg  
**Synonyms:** Ab2-183; Cd132  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN206109 representing NM\_080889  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTTGAAACCATTATTGCCATCTAGATCCTTCTACTCCTTCAGCTGCTTCTGCTGAGGGTAGGGTGA  
 GCTCCAAGGTCTCATGTCCAGTGGGAATGAAGACACCAATCTGATCTTCTGCTGACTTCTATGGACCT  
 TAAACATCTCAGTGTTCCTACTCTGCCCTCCCAGAGGTTCAATGCTTTGTGTTCAATGTCGAGTATATG  
 AATTGCACCTTGAATAGCAGTTCTGAGCCTCAGCCGACCAACCTCACTATGCACTATAGGTACAAGGGAT  
 CTGATAATAATACATTCCAGGAGTGCAGCCACTATCTGTTCTCAAAGAGATTACTTCTGGCTGTCAGAT  
 ACAAAAAGAAGATATCCAGCTCTACCAGACATTTGTTGTCCAGCTTCAGGACCCCGAAAACCCAGAGG  
 CGAGCCGAACAGAAGCTAAACCTACAGAATCTTGTGATCCCATGGGCTCCAGAGAATCTAACACTTTATA  
 ACCTGAGTGAATCTCAGGTAGAAGTGGAGTGGAAAAGCAGATACATAGAACGCTGTTTACAATACTTGGT  
 GCAGTACCGGAGCAACCGAGATCGAAGCTGGACGGAACAATAGTGGATCATGAGCCTAGATTCTCCCTG  
 CCTAGTGTGGATGAACAGAAGCTGTACACATTCGGGTTTCGGAGCCGCTTAAACCCGATCTGTGGAAGTA  
 CCAACAGTGGAGTAAATGGAGCCAACCAATCCACTGGGGGAGCCATACTGCAGAGGAGAATCCTTCCTT  
 GTTGCACCTGGAAGCTGTGCTTATCCCTGTTGGCACCATGGGGTTGATTATTACCCTGATCTTTGTGTAC  
 TGGTGGTTGGAACGAATGCCTCGAATTCGCCCATCAAGAATCTAGAGGATCTGGTTACTGAATACCATG  
 GAACTTTTCGGCCTGGAGTGGTGTGTCTAAAGGGCTGACTGAGAGTCTGCAGCCAGACTACAGTGAACG  
 GTTCTGCCACGTGAGTATTCCCCGAAAGGAGGAGCCCTAGGAGAGGGGCTGGAGGCTCTCCTTGC  
 AGCCTTCATAGCCCTTACTGGCTCCCCATGTTATTCTCTGAAGCCTGAAGCCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_080889



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<b>Insert Size:</b>	1107 bp
<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>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>NM_080889.1, NP_543165.1</u>
<b>RefSeq Size:</b>	1611 bp
<b>RefSeq ORF:</b>	1107 bp
<b>Locus ID:</b>	140924
<b>Cytogenetics:</b>	Xq22
<b>Gene Summary:</b>	cytokine receptor which contributes to ligand binding and signal transduction [RGD, Feb 2006]