

## Product datasheet for **RN217281**

### **Il12rb2 (NM\_001191750) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Il12rb2 (NM_001191750) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Il12rb2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN217281 representing NM\_001191750  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGCACACACTGTTAGAGGATGCTCATTGGCACTTATTTTTTTGTTTCATGTGGCTGTTGATTAAGCAA  
 ATATAGATGTGTGCAAGCTTGGCACCGTACTGTCCAGCCTGCCCTGTGATTCCAATTGGTCAACTGC  
 CAATATTTCTGCTCTTTGAATCCCAAACAAGGCTGTTCCGATTATCCTAGTTATAACGAATTAATCCTC  
 TTAAGTTTGTCAATGATGTCCTTGTGCAAAAACCTCCATGGCAAAAAAGTCCATGGCCACCCTAGTCATT  
 CCTCCATATTTCAAGTACCAACCTGTCTCTTGGTATGACTCTGTTTGTCTGCAAGCTAACTGTAGCAA  
 CTCTCAAAGACACAACCAGTGCCAGTGTGTGGAGTGGAGATCTCAGTCGGTGTGCTCCAGAGTCACT  
 CAAAGCATATCATGTGCCAGAAAGGAGAGCATGGAACGTGGCCTGCTCCTGGAACCTGGGAAAGTTA  
 CTTATCTGAAAACCTATTACACTTTACAGTTAACTGGACCAAACAATGTGACCTATCAGAACCAGTGTTA  
 TTCTGACAATCGTCAGAATTGTAGTCGTCTGGATCTTGGGATCAATCTGACCCCTGATTTAGCCGAATCC  
 AGGTTCCATAGTCCATGTTACTGCCACCAATGATCTTGAAATTTCTTCACTTCTGCATACATTACAT  
 TCTTGACATAGTGAGGCTCTTCTCCGTGGGACATCAGAATCAACTTTCTAAATGCTTCTGGGAGCAG  
 ATGTACACTGCAGTGGGAAGATGAGGGCAAGTGGTACTCAATCGACTCAGATACCAGCCTCTAACAGC  
 ACATCCTGGAATATGGTTAATGTACAAATGCCAAAGGAAGATATGACCTGCAAGATCTGAGACCATTCA  
 CAGAATATGAATTTAGATCTCCTCTAAGTACATCTCTCAGGGAAGTGGAGTAATGGAGTGAGTC  
 ACTGAGAACTCGAACACCAGAGGAAGAGCCTGTTGGGACATTAGACATCTGGTACATGAAACAAGATATT  
 GACTGTGACAGACAACAGATCTCTTTTCTGGAAGAGTCTGAATCCATCAGAGGCAAGGGGAAGATCC  
 TCCACTATCAGGTGACTTTACAGGAGTGACGAAGAAAACACTACACTGCAGAATACTACAAGACACTCT  
 CTGGACCGGGTCAATCCAGAACTGGGCTTGGACTGCATCTGTGTCTGCAGCCAACCTCAAAGGCACT  
 TCTGCACCCACTCACATTAACATAGTGGACCTGTGTGGCACTGGGTTCTGGCTCCTACCAGGTCTCTG  
 CAAAGTCAGGGAACATGGACAACATCATGGTGACCTGGCAGCCTCCTGGGAAAGCTGACTCTGTATTCTG  
 GGAGTACATAGTGAATGGAGGGCTCTCCAACAAGGGAGCGTCATGAACCTTACCCACACTGGCTGCGA  
 ATTCCCCCTACAACATGTCTGCTCTGATTTTACAGAGAAGATAAAGCCCTATATCTGTTACGAAATCCGGG  
 TACATGCACTGTCAGAGGACCAAGGAGGTGCAGCTCCATCCGGGGTACTCCAGTCACAAAGTCCACT  
 GAGTGGCCCTCATCACTGCTATCACAGAAAAAGGAAAGCCTTTTTATTTCTGGACCCACATCCCT  
 TTCTGGAGCAAAGGGGCTGCATCCTCCATTACAGAATATATTGGAAGGAGCGACTCTACTGCGCAAC  
 CCGAGCTCTGTAAATTCAGTACAGACTCTCAAACCTCACATCCAATAAGCAGCTACAGCCCAAGGT  
 GACATATGTCCTATGGATGACAGCTGTGACAGCTGCTGGTGAAGTCCCAAGGAAATGAAAGGGAATTT  
 TGTCCACAGGGCAAAGCCAACCTGGAAAACATTCGTGATATCAAGCATTTCATCGCTATCATCGTGGTGG  
 GCACTTTCTCAATTCGTTACTTCAGGCAAAGGCATTTACTCTCCTTTCTACTCTCAAACCCCAATGGTA  
 TTGCAGAACTATCCAGATCCAGCAAATAGCACTTGGGTAAGAAGTACCCCATATGGAGGAGAAGATC  
 CAGCCACCTATGGACAATCTCCTGATGGCCTGGTCCGCTCCTGAAGAGCCTGAGCCCTGATCATCAATG  
 AAGTCTCTACCAAATGATCCCAGTAGGCAGACAACCCATTGCTTCAAAGAGGACAAGGGTCCAAGG  
 TTACTCTACCTCAAAGGAAGACACAATATACCTTGCCACCAATCCAAAACACTACAGGAACCTCACAGCT  
 GAGTCGAGACAACACTAGTGAATCTATACAAGGTGCTAGGAAGCAGGACCCTGACTCAAACCTGGGCAACC  
 TGACCAGCCCTTACAGTACACCCAGTGAACCTTCTACCCATGAAGGCTATTTACCTCCACAT  
 AGAAGACCTCTCATCACATGAAGTTGACCCAAGTGATTCTTTAGACCTGGACCATCAACATATTTCTCT  
 TCCATTTTGCATCAAGTTCTCTCCGCCACTCACCTTCTGTGGTGGAGAGGCTGACTCTAGATCGGTTAA  
 AGATGGGCTACGAGAAA**TGA**

**ACGGT**ACGGCGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001191750  
**Insert Size:** 2610 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>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<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_001191750.1, NP_001178679.1</u>
<b>RefSeq Size:</b>	2610 bp
<b>RefSeq ORF:</b>	2610 bp
<b>Locus ID:</b>	171334
<b>Cytogenetics:</b>	4q31
<b>Gene Summary:</b>	transmembrane protein that belongs to the hemopoietin receptor superfamily; human homolog binds interleukin (IL)12 with a low affinity and may be a part of the IL12 receptor complex [RGD, Feb 2006]