

Product datasheet for **RN217155**

Il12rb1 (NM_001170604) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Il12rb1 (NM_001170604) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Il12rb1
Synonyms:	Il12rb
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN217155 representing NM_001170604
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACATGACGGGGCTGCCAGGGACCAGCAAGCACATCATCTTCTCTCTGCTTTGCCAGCTAAGCGCCT
 CCAGCCGAGGTGACAGCTGCTGCGTTGAGAAGATATCATACCCAGATGAAGCCTCAGGCCCTCCTTAGG
 ACCCAGGGACTTGAGCTGCTACAGGGTTTCCGGGACAGACTATGAGTGCTCCTGGCAGTATGATGGCCCT
 GAGGACAAATGTTGCTCACTTCTGTGGTCTGCTTTGCTCATCCAAACCTACCCACACCAGCTTTGGCC
 AAGAATGCTGCTGCTACTTCTTCCGGGCCGGTCTCGGACTGTGCAGTCTGGGAACAGGATGGTATCTC
 TACGTTGTCCAAGGTCAACTTCTGGGTCGAGTCTCGGCTTGGGAACAGGACCTTGAAGTCTCAGGAGATA
 TCGCAGTACCTGTACAACGGACCAAGCTCACCCCTCTCTGGGACACATCAGAGTGTACGATCACGCG
 GGGAGTTGCGAATGGACTGGAATGTGTCGGATGGGGCCGGTCTGAGGTACAACAGGCGCCGGATGCC
 CACAACGAATTGGACCTGGGTGACTGCGGACCTCAGGTTAGCTCTGGCTTAGGTGTGATTGGTGACATT
 CACGGTAGCAGTTCTGAGTCCTGCCTCTGCCCTTCTGAGAACATGGCCAGGAAATCCAGATACGGAGAC
 GCGCGGCCCTCTCCTCAGGAGCTCCTGGAGTCCCTGGAGTAATTGGAGCATGTCTGTGTGTGCCCGCC
 TGAATTCCTCCCCAGGCTGAGATTAAGTTCCTGGTGGAGCCCTGAACCAAGATGGAAGGAGGCGTCTG
 ACTATGGAAGGGCAGACACCACAGCTGGCAGTCCCGGAGGGTGCAGGGACCGCCCTGGGGCGCAGGTGA
 AGAAGCACTTGGTGTGGTGCACATGCTGGCCTGCAGGTGCCAGGCTCGGACCTGGAAGACCGTGCCCT
 GGGCAAGACGCTGGACCTCTCCGGTGCCGCTACGACCTGGATGTACTCGCCAGACTCGCTTCGGCCGC
 AGCATCATCCAGAAGTGCCCTTCTGCCAAGAGCTCACAGAGACAAGAACCCTGAATGTCATCGTGG
 AAGGCAACGTGACATCCATGCAAGTGGGAGCCAGCCAGCCTCCAGGCACTGCCTACTGCCTTGAAGTGGAGCC
 ATGGGGCCAGGACAGGAACCCACACGAGTGTACTCTGATTGCACCAGAAGAAGAGGACCCAGCCAAGATG
 GTGACGCACACCTGGAGCTCCAAGCCTACCCTGGACCAGGAGGAATGTTACCGCATCACTGTCTTCGCT
 CCAAGAACCCCAAGAATCCCATGATGTGGGCCACGGTCTGTCCAGTTACTACTTTGGGGTAACGTCTC
 AAGGGTCGGAACCCACGCCACGTGTGGTGGGAACCCACCCGAGGACTCAGTGTCCGTGGAGTGGACA
 GCGTCACAGCTGAGCACCTGCCAGGGTCTGACGCAATACGTCGTGCGCTGCGAGGCTGAAGATGGCA
 CGTGGGAGTCAGAGTTGCTCGTGCCACCCAGAACCAAGTACACTAACAGTCTGCGCAGCCGCGT
 GGTGTACAAGGTTCAAGTGGGAGCTGACTGCGATGCTCCAGGCTCCTGGAGCCGTCCCAGCGCTTC
 AGCGTTGAGGTGCAGATTTCCGTTTATCCATCGTTTTTCGCTCTCTGGGAAGCTTCGCCAGCGTCTCC
 TCGTGGGCACTCTCGGATACATTGGCTTAAACAGGGCTGCCTGGCACTTGTGCCACCTCTGCCTACGCC
 CTGTGGCAGCACTGCTGTGGAGTTCCTGGCAGCCAGGACAAGCAGGCTTGGCAATGGCGCAACCCTGAG
 GACTTCCCCGAGGTGTTGTACCCACGAGACGCGTGGTGGTGGAGATGCCAGGGACAGAGATGATGAGA
 CAGAGTCGCCCCAGGCCACCCCTGAGCGCGCCCTGGACACAAGGTGGCCCTTGGGAACAGGGGCGAGGT
 GCAAGGACTCTCAGAGGCCAGGCTCCCGGACCTGGCTAGAGAGGACTGTCCCGTGGTACCTGGCCAC
 GTGACACTCCCGCTGCTCCTGGGAGATGTACCCAGGGAGCCTCGGTACTTGGTGTCTTTGGTGGATCC
 ATAAGACCGTGGAGCCAGGACCCCACTTTGGGTCAAGAGGCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001170604

Insert Size: 2217 bp

OTI Disclaimer: 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).

OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<u>NM_001170604.1</u> , <u>NP_001164075.1</u>
RefSeq Size:	2217 bp
RefSeq ORF:	2217 bp
Locus ID:	171333
Cytogenetics:	16p14
Gene Summary:	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]