

## Product datasheet for **SC210087**

### **IL12RB2 (NM\_001559) Human 3' UTR Clone**

#### **Product data:**

|               |  |
|---------------|--|
| Product Type: | 3' UTR Clones                          |
| Product Name: | IL12RB2 (NM_001559) Human 3' UTR Clone |
| Vector:       | pMirTarget (PS100062)                  |
| Symbol:       | IL12RB2                                |
| ACCN:         | NM_001559                              |
| Insert Size:  | 2000 bp                                |



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**Insert Sequence:** >SC210087 3'UTR clone of NM\_001559  
 The sequence shown below is from the reference sequence of NM\_001559. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AAGATGAGGTGTGACTCCCTCATGCTCTGAGTGGTGAGGCTTCAAGCCTTAAAGTCAAGTGTGCCCTCAA
CCAGCACAGCCTGCCCAATTCCCCAGCCCTGCTCCAGCAGCTGTCATCTCTGGGTGCCACCATCGG
TCTGGCTGCAGCTAGAGGACAGGCAAGCCAGCTCTGGGGAGTCTTAGGAACTGGGAGTTGGTCTTCAC
TCAGATGCCTCATCTTGCCTTTCCAGGCCTTAAATTACATCCTTCACTGTGTGGACCTAGAGACTC
CAACTGAATTCCTAGTAACTTTCTTGGTATGCTGGCCAGAAAGGAAATGAGGAGGAGAGTAGAAACC
ACAGCTCTTAGTAGTAATGGCATACAGTCTAGAGGACCATTTCATGCAATGACTATTTCTAAAGCACCTG
CTACACAGCAGGCTGTACACAGCAGATCAGTACTGTTCAACAGAACTTCTGAGATGATGGAATGTTC
TACCTCTGCACTCACTGTCCAGTACATTAGACTAGGCACATTGGCTGTTAATCACTTGGAAATGTGT
TAGCTTGAAGTAAATTTTGGTAAATTTAAATCGCCACACATGGCTAGTGGCTACTGTAT
TGGAGTGCACAGCTCTAGATGGCTCCTAGATTATTGAGAGCCTTCAAACAAATCAACCTAGTTCTATA
GATGAAGACATAAAAGACTGGTAAACACCAAGGTAAGAGGGCCCCAAGGTGGTTCATGACTGGTCTC
ATTTGCAGAAGTCTAAGAATGTACCTTTTTCTGGCCGGGCGTGGTAGCTCATGCCTGTAATCCCAGCAC
TTTGGGAGGCTGAGGCAGGCGGATCATGAGGTCAAGGATCGAGACCATTCTGGCTAACATGGTGAAC
CCCATCTCTACTAAAAATTTTTAAAAAAATTAAGTGGGCGTGGTGGGCGGCTGTAGTCCCAGC
TACTCGGAGGCTGAGGGAGGAGAATGACATGAACCTGGGAGTGGGCTTGCAGTGAGCCACTGCAT
CCAGCTGGGCAACAGAGCAAGACTCTGTCTCAAAAAAGAAAAAAAAAAAAAAAAAGAAATGTACCTTTTCC
TAGATTTGCTGGTTTATTGTTTTATTTTGGCTTCATCCTTTTCAGCAAATCAAGGGCAGCTGGATGGT
GAAGACCTATATTGTAAGTCAACATAGTACCATAGTACCTTGGGCAACCCAGCCTCCCCTCTGAATC
TCGGGTGTCTTGTAAAGGCTGGACCAAAGGCTCCCTGACCCCTTGTTCCTCTCCTTTTTGCTGCAGC
AGGCCCTGCCTCAGGACCAGGCTGTCTCAGGGTCTAAGACCCCAACCTCTGAGGTTGCCTCAGAAG
TGGTCTGTCCCCTGTTCCCAAAGGCACAGCTTTCATTCCCGGAGAAGATATTGAGCTGGTCTCTGCCA
GCTCAAGTTGAGCCTGGAAGATAACTCTTTTTCCACAACATGGACTTGGAAATGATCCATGTTTTGC
TCTTTAAAGCTGTGGCCCTGGCTTGCACCCTCCCTAGCCATTGCTGCCTCTGTCTCTTACCATAG
GCCTTCTGCCAACTAGTGGAGAAGTCTTGGTCTAAACTGCTAATAATGCTCTTCCCTAAGAACAGG
ATAAAAGATCCAAAATACTTTTTCTTAAATTCCTGTCAAGCCTGGGGTCCACCCCTACCCCTCCAC
ATGAACGCTGGAAGTGAAGTGGCTTCCCATCATCGTCTGGATTTTCATTTAACAAGTACTTGGTGTGA
AATGTGTACTTCTGCCTAACGTGAGGAACTAAAACTTGTCCATGCATACCCAGCTCCTGTAGAAATA
ACTGTTCTCGGGCTTTAGGTTTTCCAGATTTCCCTCAGAGCTCTAGAACTGAGCGATGGACAGTTGCT
CTGCTTCTCAGGTTGGAACCTTGTATACATCCTTGTTCCTGAAATCCAACTTAACACCTATAGT
ACGCGTAAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
  
```

**Restriction Sites:** SgfI-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:** [NM\\_001559.3](#)

**Summary:**

The protein encoded by this gene is a type I transmembrane protein identified as a subunit of the interleukin 12 receptor complex. The coexpression of this and IL12RB1 proteins was shown to lead to the formation of high-affinity IL12 binding sites and reconstitution of IL12 dependent signaling. The expression of this gene is up-regulated by interferon gamma in Th1 cells, and plays a role in Th1 cell differentiation. The up-regulation of this gene is found to be associated with a number of infectious diseases, such as Crohn's disease and leprosy, which is thought to contribute to the inflammatory response and host defense. Several transcript variants encoding different isoforms and non-protein coding transcripts have been found for this gene. [provided by RefSeq, Apr 2012]

**Locus ID:**

3595

**MW:**

74.2