

Product datasheet for **SC206305**

IL12A (NM_000882) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: IL12A (NM_000882) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: IL12A
Synonyms: CLMF; IL-12A; NFSK; NKSF1; P35
ACCN: NM_000882
Insert Size: 490 bp
Insert Sequence: >SC206305 3'UTR clone of NM_000882
The sequence shown below is from the reference sequence of NM_000882. 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
AGAGTGATGAGCTATCTGAATGCTTCCAAAAGCGAGGTCCCTCCAAACCGTTGTCATTTTTATAAAA
CTTTGAAATGAGGAACTTTGATAGGATGTGGATTAAGAAGTAAAGGAGGGGAAAGAAGGATGGGACTA
TTACATCCACATGATACCTCTGATCAAGTATTTTTGACATTTACTGTGGATAAATTGTTTTTAAGTTTT
CATGAATGAATTGCTAAGAAGGGAAAATATCCATCCTGAAGGTGTTTTTCATTCACTTTAATAGAAGGG
CAAATATTTATAAGCTATTTCTGTACCAAAGTGTGGTGGAAACAAACATGTAAGCATAACTTATTTTA
AAATATTTATTTATATACTTGGTAATCATGAAAGCATCTGAGCTAAGTATATTTATTTATGTTATAT
TTATTAATTTATTTATCAAGTGTATTTGAAAAATATTTTTAAGTGTCTAAAAATAAAAGTATTGAATT
AAAGTGA
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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_000882.4](#)



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Summary:

This gene encodes a subunit of a cytokine that acts on T and natural killer cells, and has a broad array of biological activities. The cytokine is a disulfide-linked heterodimer composed of the 35-kD subunit encoded by this gene, and a 40-kD subunit that is a member of the cytokine receptor family. This cytokine is required for the T-cell-independent induction of interferon (IFN)-gamma, and is important for the differentiation of both Th1 and Th2 cells. The responses of lymphocytes to this cytokine are mediated by the activator of transcription protein STAT4. Nitric oxide synthase 2A (NOS2A/NOS2) is found to be required for the signaling process of this cytokine in innate immunity. [provided by RefSeq, Jul 2008]

Locus ID:

3592

MW:

19.1