

## 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
Symbol:	IL12A
Synonyms:	CLMF; IL-12A; NFSK; NKSF1; P35
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_000882
Insert Size:	490 bp
Insert Sequence:	<p>&gt;SC206305 3'UTR clone of NM_000882</p> <p>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.</p> <p>Blue=Stop Codon Red=Cloning site</p>

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
AGAGTGATGAGCTATCTGAATGCTTCCAAAAGCGAGGTCCCTCCAAACCGTTGTCAATTTTATAAAA
CTTTGAAATGAGGAACTTTGATAGGATGTGGATTAAGAACTAGGGAGGGGAAAGAAGGATGGGACTA
TTACATCCACATGATACCTCTGATCAAGTATTTTACATTTACTGTGGATAAATTGTTTTTAAGTTTT
CATGAATGAATTGCTAAGAAGGGAAAATATCCATCCTGAAGGTGTTTTTCATTCACCTTAATAGAAGGG
CAAATATTTATAAGCTATTTCTGTACCAAAGTGTGTGGAAACAAACATGTAAGCATAACTTATTTTA
AAATATTTATTTATATACTTGGTAATCATGAAAGCATCTGAGCTAAGTATATTTATTTATGTTATAT
TTATTAAATTATTTATCAAGTGATTTGAAAAATATTTTAAAGTGTCTAAAAATAAAAGTATTGAATT
AAAGTGA
ACGCGTAAGCGGCCCGGCATCTAGATTCTGAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites:	Sgfl-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).


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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:	<a href="#">NM_000882.4</a>
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