

Product datasheet for **SC108206**

IL17D (NM_138284) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	IL17D (NM_138284) Human Untagged Clone
Tag:	Tag Free
Symbol:	IL17D
Synonyms:	IL-17D
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_138284, the custom clone sequence may differ by one or more nucleotides

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ATGCTGGTAGCCGGCTTCTGCTGGCGCTGCCGCCGAGCTGGGCCGCGGGCGCCCCGAGGGCGGGCAGGC
GCCCCGCGCGGGCCGCGGGCTGCGCGGACCGGCCGGAGGAGCTACTGGAGCAGCTGTACGGGCGCCTGGC
GGCCGGCGTGCTCAGTGCCTTCCACCACACGCTGCAGCTGGGGCCGCGTGAGCAGGCGCGCAACGCGAGC
TGCCCCGAGGGGGCAGGCCCGCCGACCGCCGCTTCCGGCCGCCACCACTGCGCAGCGTGTGCGCCT
GGGCCTACAGAACTCTCTACGACCCGGCGAGGTACCCAGGTACCTGCCTGAAGCCTACTGCCTGTGCCG
GGGCTGCCTGACCGGGCTGTTCCGGCAGGAGGACGTGCGCTTCCGACGCGCCCTGTCTACATGCCACC
GTCGTCTGCGCCGACCCCGCTGCGCCGGCGGCCGTTCCGTCTACACCGAGGCTACGTCACCATCC
CCGTGGGCTGCACCTGCGTCCCCGAGCCGAGAAGGACGACAGCATCAACTCCAGCATCGACAAACA
GGGCGCCAAGCTCCTGCTGGGCCCAACGACGCGCCCGCTGGCCCTGA
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_138284 unedited</p> <pre>AAATTTTGTATACGACTCCTATAGGGCGGCCGGAATTCGCACGAGGGGGCCCGCCCGCG CGGCTCCCATCCTCCGGGCGGCCCTCTGGCTCCGCGGGGCGAGGGGAGGCGCCCGCCGGC TCCGGGCGCCCGGGCGGGACACGGGCGGGGCGCAGGCGGGCTCCTCCGGCGCGTGCG GACGCTGAGCGTGGCCTGTCCCTCAGGTCTGGATGCTGGTAGCCGGCTTCTGCTGGCGC TGCCGCCGAGCTGGCCCGGGCGCCCCAGGGCGGGCAGGCGCCCGCGCGCCCGGGG GCTGCGCGGACCGCGGAGGAGCTACTGGAGCAGCTGTACGGGCGCCTGGCGGCCGCGG TGCTCAGTGCCTTCCACCACACGCTGCAGCTGGGGCCGCGTGAGCAGGCGCGCAACGCGA GCTGCCCGGACAGNGGCAGGCCCGCCGACCGCCGCTTCCGGCCGCCACCAACCTGCGCA GCGTGTGCGCCTGGGCTACAGAATCTCTNACGACCCGGCGAGGTACCCAGGTACCTG CCTGAAGCCTACTGCCTGTGCCGGGCTGCCTGACCGGGCTGTTGCGGAGGGAGGACGT GCGCTTCCGACGCGCCCTGTCTACATGCCACCGTCTGCTGCGCCGACCCCCGCTG CGCCGGCNGGCCGTTCCGTCTACACCGAGGCTACGTACCATCCCGTGGGCTGCACCT GCGTNCCTGAGCGGGAGAAGGACGCANACAGCATCAACTCCAGCATCGACAAACAGGGCG CCAAGCTCCTGCTGGGCCACGACGCGCCGCTGCCCTGAAGCGCGGTCTGCCCGGG GAAGGGTCCCGGCCCGATTGAAAGGGCCAGCTGGAGCGCCTTGAAGGGCTTCGTC GGGGACCTTTAAAAAGGGCCGAACAAACAAGGGCGGAGACAACGCCGCTTCTCT GGGAATCCTAAGAGCTTTATTTTACAGGGATCCTGGGTGCTTTAA</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_138284 unedited</p> <pre>ATTACTGNACCGCGCCGCTATCTANATCGAGTTTTTTTTTTTTTTTTTTTCTTCAGCAA GCCTCTTTAATGATTTAAAAAAGAACTTCTAACTTTTACAAATAATTGTGTTCCAGAGAC AGACTTTCAATCTAAAGAAAAGATCAAGGACCTAGCTCTCGTGGCAGAATGCAGAAACAG AAGCCTCCAGATTGATCTCTGCAGATGTAACGTGGCCCACTTTGTCTCATATTCGGCC TGATCCTAAAGCCCTTACAATAAGCCAATACCTGCTTGGATTCTTGTGCAACTGGCAA AGATGTACGTTCCACTTCTTATCTCACCACTTTAACCACAAATTGGCCCCAGTGGCT TTCAAAAGGGGAAAAAATTGTGCGAGTTTGAGACTGTTTATGTATTGACTAAAACC AAATCTGAGATCTTTGAACTCTTAGCTGGCCCTGGGGCATGCGAGCCGCTGTGCATCC CTTTGGTCCACCTGGAGGCCCGTGAAGACCTTCAGTGAAGGAAGAGTGGGTGAGATGAG ACGTGTCCATTTTCATCAGTCAGCCATCGGTGACAGGCTGAATTCAGAGACCCAGGCCAGA GTGTACCAGCTACAAAATTTATCCAAGGATTCCAATTATGCTTTAAAAAATTTACCAGAA AGAAGTAAAAACGATGTTTATATGTTAAGAAATGTAACAGAGTAGCTCTCATTGATAA TATAAAATAGCTCTGCCTCTATTCAAAACAGTTGATTTTAAAGTANGTATATAGTCGCTA TACTTATTATTATTTTAGATTGGCTTAAAAAGCATATGCGTCCCTATCTCTTTGGCAGC ACCCAGCGGTGAGTCACGCCCTGCACCCGACGAGCCGATCTTGAGAGGCTCCTCAGGNA GCCTNCGTGAACCTTTTCAAACCTNCATGCNCGCCGCACACG</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_138284
Insert Size:	2000 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).
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:

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: [NM_138284.1](#), [NP_612141.1](#)

RefSeq Size: 1873 bp

RefSeq ORF: 609 bp

Locus ID: 53342

UniProt ID: [Q8TAD2](#)

Cytogenetics: 13q12.11

Protein Families: Druggable Genome, Secreted Protein

Gene Summary: The protein encoded by this gene is a cytokine that shares the sequence similarity with IL17. The treatment of endothelial cells with this cytokine has been shown to stimulate the production of other cytokines including IL6, IL8 and CSF2/ GM-CSF. The increased expression of IL8 induced by this cytokine was found to be NF-kappa B-dependent. [provided by RefSeq, Jul 2008]