

Product datasheet for RC206962

IL17D (NM_138284) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	IL17D (NM_138284) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	IL17D
Synonyms:	IL-17D
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC206962 representing NM_138284 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTGGTAGCCGGCTTCTGCTGGCGCTGCCGCCGAGCTGGGCCGGGGCGCCCCGAGGGCGGGCAGGC
GCCCGCGCGGGCGGGGCTGCGCGGACCGGCCGGAGGAGCTACTGGAGCAGCTGTACGGGCGCCTGGC
GGCCGGCTGCTCAGTGCCTTCCACCACACGCTGCAGCTGGGGCCGCGTGAGCAGGCGCGCAACGCGAGC
TGCCCGGAGGGGCGAGGCCCGCCGACCGCGCTTCCGGCCGCCACCACTGCGCAGCGTGTCCGCTT
GGGCTACAGAACTCCTACGACCCGGCGAGGTACCCAGGTACCTGCCTGAAGCCTACTGCCTGTGCCG
GGGCTGCCTGACCGGGCTGTTCCGCGAGGAGGAGTGCCTTCCGAGCGCCCTGTCTACATGCCACC
GTCGCTCCTGCGCCGACCCCGCTGCGCCGGCGCCGTTCCGTCTACCCGAGGCTACGTACCATCC
CCGTGGGCTGCACCTGCGTCCCCGAGCCGAGAAGGACGACAGCATCAACTCCAGCATCGACAAACA
GGCGCCAAGCTCCTGCTGGGCCCAACGACGCGCCCGCTGGCCCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC206962 representing NM_138284 Red=Cloning site Green=Tags(s)
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MLVAGFLLALPPSWAAGAPRAGRPARPRGADRPEELLEQLYGRLAAGVLSAFHHTLQLGPREQARNAS
CPAGGRPADDRFRPPTNLRVSPWAYRISYDPARYPRYLPEAYCLCRGCLTGLFGCEEDVFRSAPVYMPY
VLLRRTACAGGRSVYTEAYVTIPVGCTCVPEPEKDADSINSSIDKQAKLLLPNDAPAGP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

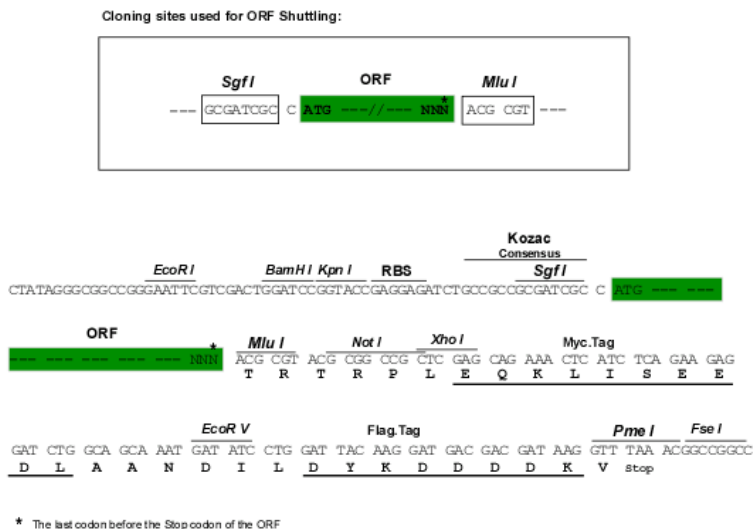


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Chromatograms: https://cdn.origene.com/chromatograms/ja1463_d07.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_138284

ORF Size: 606 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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

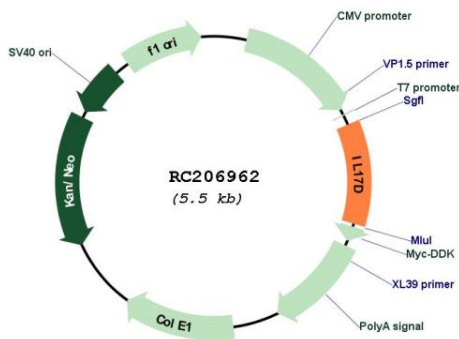
RefSeq ORF: 609 bp

Locus ID: 53342

UniProt ID: Q8TAD2
Cytogenetics: 13q12.11
Protein Families: Druggable Genome, Secreted Protein
MW: 21.4 kDa

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]

Product images:



Circular map for RC206962