

## Product datasheet for **RG206962**

### IL17D (NM\_138284) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** IL17D (NM\_138284) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** IL17D  
**Synonyms:** IL-17D  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG206962 representing NM\_138284  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCTGGTAGCCGGCTTCTGCTGGCGCTGCCGCCGAGCTGGGCCGGGGCGCCCCGAGGGCGGGCAGGC  
GCCCGCGCGGCCCGGGGCTGCGCGGACCGGCCGGAGGAGCTACTGGAGCAGCTGTACGGGCGCCTGGC  
GGCCGGCTGCTCAGTGCCTCCACCACACGCTGCAGCTGGGGCCGCGTGAGCAGGCGCGCAACCGGAGC  
TGCCCGCAGGGGCAGGCCCGCCGACCGCGCTTCCGGCCGCCACCACTGCGCAGCGTGTCCGCTT  
GGGCTACAGAATCTCTACGACCCGGCGAGGTACCCAGGTACCTGCCTGAAGCCTACTGCCTGTGCCG  
GGGCTGCCTGACCGGGCTGTTCCGGCAGGAGGAGTGCCTTCCGCAGCGCCCTGTCTACATGCCACC  
GTGCTCCTGCGCCGACCCCCGCTGCGCCGGCGCCGTTCCGTCTACCCGAGGCTACGTACCATCC  
CCGTGGGCTGCACCTGCGTCCCCGAGCCGAGAAGGACGACAGCATCAACTCCAGCATCGACAAACA  
GGCGCCAAGCTCCTGCTGGGCCCAACGACGCGCCCGCTGGCCCC

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA

**Protein Sequence:** >RG206962 representing NM\_138284  
Red=Cloning site Green=Tags(s)

MLVAGFLLALPPSWAAGAPRAGRPARPRGADRPEELLEQLYGRLAAGVLSAFHHTLQLGPREQARNAS  
CPAGGRPADDRFRPPTNLRVSPWAYRISYDPARYPRYLPEAYCLCRGCLTGLFGEEDVRFRRSAPVYMP  
VVLRRTPACAGGRSVYTEAYVTIPVGCTCVPEPEKDADSINSSIDKQAKLLLGPNDAPAGP

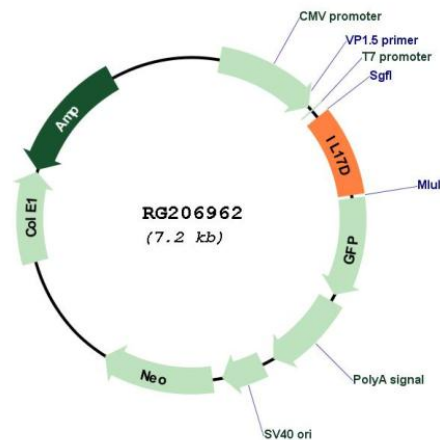
**TRTRPLE** - GFP Tag - V

**Restriction Sites:** Sgfl-MluI



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**Cloning Scheme:**

**Plasmid Map:**


**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

**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]