

Product datasheet for **RG209973**

IL17F (NM_052872) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: IL17F (NM_052872) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: IL17F
Synonyms: CANDF6; IL-17F; ML-1; ML1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG209973 representing NM_052872
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGACAGTGAAGACCCTGCATGGCCAGCCATGGTCAAGTACTTGCTGCTGTCGATATTGGGGCTTGCCCT
 TTCTGAGTGAGGCGGCAGCTCGGAAAATCCCCAAAGTAGGACATACTTTTTCCAAAAGCCTGAGAGTTG
 CCCGCTGTGCCAGGAGGTAGTATGAAGCTTGACATTGGCATCATCAATGAAAACCAGCGCTTTCCATG
 TCACGTAACATCGAGAGCCGCTCCACCTCCCCCTGGAATTACACTGTCACTTGGGACCCCAACGGTACC
 CCTCGGAAGTTGTACAGGCCAGTGTAGGAAGTGGGCTGCATCAATGCTCAAGGAAAGGAAGACATCTC
 CATGAATTCGGTTCCCATCCAGCAAGAGACCCTGGTCGTCCGGAGGAAGCACCAAGGCTGCTCTGTTTCT
 TTCCAGTTGGAGAAGGTGCTGGTGAAGTGTGGCTGCACCTGCGTCACCCCTGTCATCCACCGTGTGCAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG209973 representing NM_052872
 Red=Cloning site Green=Tags(s)

MTVKTLHGPMVKYLLLSILGLAFLSEAAARKIPKVGHTFFQKPESCPPVPVGGSMKLDIGIINENQRVSM
 SRNIESRSTSPWNYTVTWDPNRYPSSEVVQAQCRNLGCINAQKEDISMNSVPIQQETLVVRRKHQGCSSVS
 FQLEKVLVTVGCTCVTPVIHRVQ

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI



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Cloning Scheme:


ACCN: NM_052872

ORF Size: 489 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

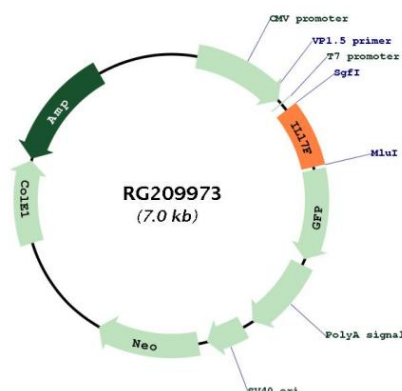
RefSeq: [NM_052872.3](#), [NP_443104.1](#)

RefSeq Size: 808 bp

RefSeq ORF: 492 bp

Locus ID:	112744
UniProt ID:	Q96PD4
Cytogenetics:	6p12.2
Protein Families:	Druggable Genome, Secreted Protein
Gene Summary:	The protein encoded by this gene is a cytokine that shares sequence similarity with IL17. This cytokine is expressed by activated T cells, and has been shown to stimulate the production of several other cytokines, including IL6, IL8, and CSF2/GM-CSF. This cytokine is also found to inhibit the angiogenesis of endothelial cells and induce endothelial cells to produce IL2, TGFβ1/TGFβ, and monocyte chemoattractant protein-1. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RG209973