

Product datasheet for **RN205299**

II17f (NM_001015011) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: II17f (NM_001015011) Rat Untagged Clone
Tag: Tag Free
Symbol: II17f
Synonyms: IL-17F
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN205299 representing NM_001015011
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAAGGGCTCCTGTGAAACAACCATGGTCAAGTCTCTGCTGCTGTTGATGTTGGGATTTGCCATCATCA
GCTCGGGAGCAGCTCGGAGGAACCCAAAGTAGGGCTTTCTGCTCTGCAGAAAGCCGGAAGTCCCTCC
CCTGGAGGATAACAGTGTGAGAGTTGACATTCGCATCTTCAATCAAACCAGGGCATTCTGTCCCACGT
GACTTCCAGAACCGCTCCAGTTCATGGGATTACAATATCACCCGAGACCCCGACCGTTCCCTCAG
AGATCGCTGAGGCCAGTGCAGACACTCAGGCTGTATCAACGCCAGGGGAGGAAGACGGCTCCATGAA
CTCCGTCCCCATCCAGCAAGAAATCCTGGTCTTCGGAGGGAGCCCCAGGGCTGTTCTAATTCTTCAGG
TTGGAGAAGATGCTCATAAAAGTTGGCTGCACTTCGTCACGCCATCGTCCACCACGGCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001015011
Insert Size: 486 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).



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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:	<ol style="list-style-type: none">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:	<u>NM_001015011.2</u> , <u>NP_001015011.2</u>
RefSeq Size:	1290 bp
RefSeq ORF:	486 bp
Locus ID:	301291
UniProt ID:	<u>Q5BJ95</u>
Cytogenetics:	9q13
Gene Summary:	Ligand for IL17RA and IL17RC. The heterodimer formed by IL17A and IL17F is a ligand for the heterodimeric complex formed by IL17RA and IL17RC. Involved in stimulating the production of other cytokines such as IL6, IL8 and CSF2, and in regulation of cartilage matrix turnover. Also involved in stimulating proliferation of peripheral blood mononuclear cells and T-cells and in inhibition of angiogenesis. Plays a role in the induction of neutrophilia in the lungs and in the exacerbation of antigen-induced pulmonary allergic inflammation.[UniProtKB/Swiss-Prot Function]