

Product datasheet for **RN201276**

IL17a (NM_001106897) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	IL17a (NM_001106897) Rat Untagged Clone
Tag:	Tag Free
Symbol:	IL17a
Synonyms:	CTLA-8; IL-17; IL-17A; IL17
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN201276 representing NM_001106897 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGTCCCCGGAGAATTCATCCATGTGCCTGATGCTGTTGCTGCTACTGAACCTGGAGGCTACAGTGA
AGGCAGCGGTAATCCCTCAAAGTTCAGTGTGTCCAAACGCCGAGGCCAATAACTTTCTCCAGAACGT
GAAGGTCAACCTGAAAGTCCCTCACTCCCTTAGCTCAAAGCGAGCTCCAGAAGGCCCTCAGACTACCTC
AACCGTCCACTTCACCCTGGACTCTGAGCCGCAATGAGGACCCTGATAGATATCCTTCTGTGATCTGGG
AGGCACAGTGCCGCCACCAGCGCTGTGCAACGCTGAGGGGAAGTTGGACCACCACATGAATTCTGTTCT
CATCCAGCAAGAGATCCTGGTCTGAAGAGGGAGCCTGAGAAGTGCCCTTCACTTCCGGTGGAGAAG
ATGCTGTTGGCGTGGGCTGCACCTGCGTTTCTCTATTGTCGCCATGCGTCC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms:	https://cdn.origene.com/chromatograms/ja1754_e11.zip
Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001106897
Insert Size:	477 bp



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OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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](#)

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_001106897.1](#), [NP_001100367.1](#)

RefSeq Size: 1144 bp

RefSeq ORF: 477 bp

Locus ID: 301289

Cytogenetics: 9q13

Gene Summary: cytokine; may be involved in immune system function or to cell death and cell survival [RGD, Feb 2006]