

Product datasheet for **MC208774**

Il17a (NM_010552) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Il17a (NM_010552) Mouse Untagged Clone
Tag: Tag Free
Symbol: Il17a
Synonyms: Ctl; Ctl α ; Ctl α -8; Ctl α 8; Il; IL-; IL-17; IL-17A; Il17
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC208774 representing NM_010552
Red=Cloning site **Blue**=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGTCCAGGGAGAGCTTCATCTGTCTCTGATGCTGTTGCTGCTGCTGAGCCTGGCGGCTACAGTGA
AGGCAGCAGCGATCATCCCTCAAAGCTCAGCGTGCCAAACTGAGGCCAAGGACTTCTCCAGAATGT
GAAGGTCAACCTCAAAGCTTTAACTCCCTTGGCGCAAAGTGAGCTCCAGAAGGCCCTCAGACTACCTC
AACCGTTCACGTCACCCTGGACTCTCCACCGCAATGAAGACCCTGATAGATATCCCTCTGTGATCTGGG
AAGCTCAGTGCCGCCACCAGCGCTGTGCAATGCGGAGGGAAAGCTGGACCACCACATGAATTCTGTTCT
CATCCAGCAAGAGATCCTGGTCCTGAAGAGGGAGCCTGAGAGCTGCCCTTCACTTTCAGGGTCGAGAAG
ATGCTGGTGGGTGTGGGCTGCACCTGCGTGGCCTCGATTGTCCGCCAGGCAGCCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_010552
Insert Size: 477 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>BC119303</u> , <u>AAI19304</u>
RefSeq Size:	569 bp
RefSeq ORF:	477 bp
Locus ID:	16171
UniProt ID:	<u>Q62386</u>
Cytogenetics:	1 A4
Gene Summary:	This gene encodes a pro-inflammatory cytokine that is a member of the interleukin-17 family. The encoded protein plays a central role in host defense against diverse pathogens. The encoded protein is produced by activated T-cells and certain cell types of innate immune system. The active protein functions as either a homodimer with other interleukin-17 family members and signals through the interleukin-17 receptor to induce inflammatory cytokine production. Aberrant expression of this gene is associated with autoinflammatory diseases including rheumatoid arthritis, psoriasis and multiple sclerosis. [provided by RefSeq, Sep 2015]