

Product datasheet for **MC212621**

Il1f10 (NM_153077) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Il1f10 (NM_153077) Mouse Untagged Clone
Tag: Tag Free
Symbol: Il1f10
Synonyms: MGC130267; MGC130268
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC212621 representing NM_153077
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTGCTCCCTCCCATGGCAAGATACTACATAATCAAGGATGCACATCAAAGGCTTTGTACACACGGA
ATGGCCAGCTCCTGCTGGGAGACCCTGATTAGACAATTATAGTCCAGAGAAGGTCTGTATCCTTCTCTAA
CCGAGGCTAGACCGCTCCAAGGTCCCCATCTTCTGGGGATGCAGGGAGGAAGTTGCTGCCTGGCGTGT
GTAAGACAAGAGAGGGACCTCTCCTGCAGCTGGAGGATGTGAACATCGAGGACCTATACAAGGGAGGTG
AACAAACCACCCGTTTCACCTTTTTCCAGAGAAGCTTGGGATCTGCCTTCAGGCTTGAGGCTGCTGCCTG
CCCTGGCTGGTTTCTCTGTGGCCAGCTGAGCCCCAGCAGCCAGTGCAGCTCACCAAAGAGAGTGAACCC
TCCACCATACTGAATTCTACTTTGAGATGAGTCGGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_153077
Insert Size: 459 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_153077.2</u> , <u>NP_694717.1</u>
RefSeq Size:	538 bp
RefSeq ORF:	459 bp
Locus ID:	215274
UniProt ID:	<u>Q8R459</u>
Cytogenetics:	2 16.32 cM
Gene Summary:	Cytokine with immunomodulatory activity. Alone, does not induce cytokine production, but reduces IL22 and IL17A production by T-cells in response to heat-killed <i>Candida albicans</i> . Reduces IL36G-induced production of IL8 by peripheral blood mononuclear cells. Increases IL6 production by dendritic cells stimulated by bacterial lipopolysaccharides (LPS). Ligand for IL-36R/IL1RL2 (By similarity).[UniProtKB/Swiss-Prot Function]