

Product datasheet for **SC306791**

IL1F10 (NM_173161) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	IL1F10 (NM_173161) Human Untagged Clone
Tag:	Tag Free
Symbol:	IL1F10
Synonyms:	FIL1-theta; FKSG75; IL-1HY2; IL-38; IL1-theta; IL1HY2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC306791 representing NM_173161. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC CGCATCGCC
ATGTGTTCCCTCCCATGGCAAGATACTACATAATTAATATGCAGACCAGAAGGCTCTATACACAAGA
GATGGCCAGCTGCTGGTGGGAGATCCTGTTGCAGACAACCTGCTGTGCAGAGAAGATCTGCATACTTCCT
AACAGAGGCTTGGCCCGCACCAAGGTCCCCATTTCTGGGGATCCAGGGAGGGAGCCGCTGCCTGGCA
TGTGTGGAGACAGAAGAGGGGCCCTCCCTACAGCTGGAGGATGTGAACATTGAGGAAGTGTACAAAGGT
GGTGAAGAGGCCACACGCTTCACCTTCTCCAGAGCAGCTCAGGCTCCGCCTTCAGGCTTGAGGCTGCT
GCCTGGCCTGGCTGGTTCCTGTGTGGCCCGGCAGAGCCCCAGCAGCCAGTACAGCTACCAAGGAGAGT
GAGCCCTCAGCCGTACCAAGTTTTACTTTGAACAGAGCTGGTAG
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:	Sgfl-MluI
Plasmid Map:	<input type="checkbox"/>
ACCN:	NM_173161
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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OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_173161.2</u>
RefSeq Size:	1027 bp
RefSeq ORF:	459 bp
Locus ID:	84639
UniProt ID:	<u>Q8WWZ1</u>
Cytogenetics:	2q14.1
Protein Families:	Druggable Genome, Secreted Protein
MW:	16.9 kDa
Gene Summary:	<p>The protein encoded by this gene is a member of the interleukin 1 cytokine family. This gene and eight other interleukin 1 family genes form a cytokine gene cluster on chromosome 2. This cytokine is thought to participate in a network of interleukin 1 family members to regulate adapted and innate immune responses. Two alternatively spliced transcript variants encoding the same protein have been reported. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants encode the same protein.</p>