

Product datasheet for **SC304107**

IL36 alpha (IL36A) (NM_014440) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	IL36 alpha (IL36A) (NM_014440) Human Untagged Clone
Tag:	Tag Free
Symbol:	IL36 alpha
Synonyms:	FIL1; FIL1(EPSILON); FIL1E; IL-1F6; IL1(EPSILON); IL1F6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_014440, the custom clone sequence may differ by one or more nucleotides

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ATGAAAAAGCATTGAAAATTGACACACCTCAGCAGGGGAGCATTGAGGATATCAATCATCGGGTGTGGG  
TTCTTCAGGACCAGACGCTCATAGCAGTCCCGAGGAAGGACCGTATGTCTCCAGTCACTATTGCCTTAAT  
CTCATGCCGACATGTGGAGACCCTTGAGAAAGACAGAGGGAACCCCATCTACCTGGGCCTGAATGGACTC  
AATCTCTGCCTGATGTGTGCTAAAGTCGGGGACCAGCCACACTGCAGCTGAAGGAAAAGGATATAATGG  
ATTTGTACAACCAACCCGAGCCTGTGAAGTCCTTTCTTCTTCTACCACAGCCAGAGTGGCAGGAACCCAC  
CTTCGAGTCTGTGGCTTCCCTGGCTGGTTCATCGCTGTCAGCTCTGAAGGAGGCTGTCTCTCATCCTT  
ACCAAGAAGTGGGAAAGCCAACACTACTGACTTTGGGTTAACTATGCTGTTTTAA
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Restriction Sites:	Please inquire
ACCN:	NM_014440
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).
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.



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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_014440.1</u> , <u>NP_055255.1</u>
RefSeq Size:	477 bp
RefSeq ORF:	477 bp
Locus ID:	27179
UniProt ID:	<u>Q9UHA7</u>
Cytogenetics:	2q14.1
Protein Families:	Druggable Genome, Secreted Protein
Gene Summary:	The protein encoded by this gene is a cytokine that can activate NF-kappa-B and MAPK signaling pathways to generate an inflammatory response. The encoded protein functions primarily in skin and demonstrates increased expression in psoriasis. In addition, decreased expression of this gene has been linked to a poor prognosis in both hepatocellular carcinoma and colorectal cancer patients. [provided by RefSeq, Nov 2015]