

Product datasheet for **SC333823**

IL36 gamma (IL36G) (NM_001278568) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	IL36 gamma (IL36G) (NM_001278568) Human Untagged Clone
Tag:	Tag Free
Symbol:	IL36 gamma
Synonyms:	IL-1F9; IL-1H1; IL-1RP2; IL1E; IL1F9; IL1H1; IL1RP2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC333823 representing NM_001278568. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAGAGGCACTCCAGGAGCGCTGATGGTGGAGGAAGGGCCGTCTATCAATCAATCACTGTTGCTGTT
ATCACATGCAAGTATCCAGAGGCTCTTGAGCAAGGCAGAGGGGATCCCATTTATTTGGGAATCCAGAAT
CCAGAAATGTGTTTGTATTGTGAGAAGTTGGAGAACAGCCACATTGCAGCTAAAAGAGCAGAAGATC
ATGGATCTGTATGGCCAACCCGAGCCCGTGAACCCCTTCTTTTCTACCGTGCCAAGACTGGTAGGACC
TCCACCCTTGAGTCTGTGGCCTCCCGGACTGGTTCATTGCCTCCTCAAGAGAGACCAGCCCATCAT
CTGACTTCAGAACTTGGGAAGTCATAACAACACTGCCTTTGAATTAATATAAATGACTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites:	Sgfl-MluI
ACCN:	NM_001278568
Insert Size:	405 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).
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).



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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:	NM_001278568.1
RefSeq Size:	1107 bp
RefSeq ORF:	405 bp
Locus ID:	56300
UniProt ID:	Q9NZH8
Cytogenetics:	2q14.1
Protein Families:	Druggable Genome, Secreted Protein
MW:	14.9 kDa
Gene Summary:	<p>The protein encoded by this gene is a member of the interleukin 1 cytokine family. The activity of this cytokine is mediated by interleukin 1 receptor-like 2 (IL1RL2/IL1R-rp2), and is specifically inhibited by interleukin 1 family, member 5 (IL1F5/IL-1 delta). Interferon-gamma, tumor necrosis factor-alpha and interleukin 1, beta (IL1B) are reported to stimulate the expression of this cytokine in keratinocytes. The expression of this cytokine in keratinocytes can also be induced by a contact hypersensitivity reaction or herpes simplex virus infection. This gene and eight other interleukin 1 family genes form a cytokine gene cluster on chromosome 2. [provided by RefSeq, May 2019]</p> <p>Transcript Variant: This variant (2) lacks an in-frame exon in the 5' region, compared to variant 1. The resulting isoform (2) lacks an internal segment, compared to isoform 1.</p>