

## Product datasheet for **SC305051**

### IL17E (IL25) (NM\_022789) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** IL17E (IL25) (NM\_022789) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** IL17E  
**Synonyms:** IL17E  
**Mammalian Cell Selection:** None  
**Vector:** [pCMV6-XL5](#)  
**E. coli Selection:** Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_022789 edited  
GGGAGGCCAAGCTGCCAGGTTTGGGGCTGGGGGCAAGTGGAGTGAGAACTGGGATCCC  
AGGGGGAGGGTGCAGATGAGGGAGCGACCCAGATTAGGTGAGGACAGTTCTCATTAGC  
CTTTTCTACAGGTGGTTGCATTCTTGGCAATGGTCATGGGAACCCACACCTACAGCCAC  
TGGCCCAAGCTGCTGCCCCAGCAAAGGGCAGGACACCTCTGAGGAGCTGCTGAGGTGGAGC  
ACTGTGCCTGTGCCTCCCCTAGAGCCTGCTAGGCCCAACCGCCACCCAGAGTCTGTAGG  
GCCAGTGAAGATGGACCCCTCAACAGCAGGGCCATCTCCCCTGGAGATATGAGTTGGAC  
AGAGACTTGAACCGGCTCCCCAGGACCTGTACCACGCCCGTTGCCTGTGCCCGCACTGC  
GTCAGCCTACAGACAGGCTCCCACATGGACCCCGGGGCAACTCGGAGCTGCTCTACCAC  
AACCAGACTGTCTTCTACAGCGGCCATGCCATGGCGAGAAGGGCACCCACAAGGGCTAC  
TGCTGGAGCGCAGGCTGTACCGTGTTCCTTAGCTTGTGTGTGTGTGCGGCCCGTGTG  
ATGGGCTAGCCGACCTGCTGGAGGCTGGTCCCTTTTGGGAAACCTGGAGCCAGGTGTA  
CAACCACTTGCCATGAAGGGCCAGGATGCCAGATGCTTGGCCCTGTGAAGTGCTGTCT  
GGAGCAGCAGGATCCCGGGACAGGATGGGGGGCTTTGGGGAAACCTGCACTTCTGCACA  
TTTTGAAAAGAGCAGCTGCTGCTTAGGGCCGCCGAAGCTGGTGTCTGTCAATTTCTCT  
CAGGAAAGGTTTTCAAAGTCTGCCATTTCTGGAGGCCACCACTCTGTCTCTTCC

**Restriction Sites:** Please inquire

**ACCN:** NM\_022789

**Insert Size:** 900 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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<b>OTI Annotation:</b>	The ORF of this clone has been fully sequenced and found to be a good match to NM_022789.2 except for one SNP.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_022789.2</a> , <a href="#">NP_073626.1</a>
<b>RefSeq Size:</b>	1387 bp
<b>RefSeq ORF:</b>	534 bp
<b>Locus ID:</b>	64806
<b>UniProt ID:</b>	<a href="#">Q9H293</a>
<b>Cytogenetics:</b>	14q11.2
<b>Protein Families:</b>	Druggable Genome, Secreted Protein, Transmembrane
<b>Protein Pathways:</b>	Cytokine-cytokine receptor interaction
<b>Gene Summary:</b>	<p>The protein encoded by this gene is a cytokine that shares sequence similarity with interleukin 17. This cytokine can induce NF-kappaB activation, and stimulate the production of interleukin 8. Both this cytokine and interleukin 17B are ligands for the cytokine receptor IL17BR. Studies of a similar gene in mice suggest that this cytokine may be a pro-inflammatory cytokine favoring the Th2-type immune response. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2010]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes a longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>