

Product datasheet for **SC329401**

IL11 (NM_001267718) Human Untagged Clone

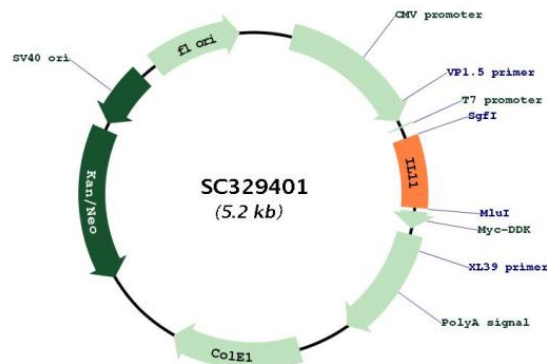
Product data:

Product Type: Expression Plasmids
 Product Name: IL11 (NM_001267718) Human Untagged Clone
 Tag: Tag Free
 Symbol: IL11
 Synonyms: AGIF; IL-11
 Vector: pCMV6-Entry (PS100001)
 Fully Sequenced ORF: >SC329401 representing NM_001267718.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGAGTGCGGGGCACTGGGAGCTCTACAGCTCCAGGTGTGCTGACAAGGCTGCGAGCGGACCTACTG
TCCTACCTGCGGCACGTGCAGTGGCTGCGCCGGGCAGGTGGCTCTCCCTGAAGACCCTGGAGCCCGAG
CTGGGCACCCTGCAGGCCGACTGGACCGGCTGCTGCGCCGGCTGCAGCTCCTGATGTCCCGCTGGCC
CTGCCCCAGCCACCCCGGACCCCGCGGCCCCCGTGGCGCCCCCTCCTCAGCTGGGGGGCATC
AGGGCCGCCACGCCATCTGGGGGGCTGCACCTGACACTTGACTGGGCCGTGAGGGGACTGCTGCTG
CTGAAGACTCGGCTGTGA
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Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM_001267718



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Insert Size:	363 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).
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_001267718.1</u>
RefSeq Size:	2208 bp
RefSeq ORF:	363 bp
Locus ID:	3589
UniProt ID:	<u>P20809</u>
Cytogenetics:	19q13.42
Protein Families:	Druggable Genome, Secreted Protein
Protein Pathways:	Cytokine-cytokine receptor interaction, Hematopoietic cell lineage, Jak-STAT signaling pathway
MW:	13 kDa
Gene Summary:	<p>The protein encoded by this gene is a member of the gp130 family of cytokines. These cytokines drive the assembly of multisubunit receptor complexes, all of which contain at least one molecule of the transmembrane signaling receptor IL6ST (gp130). This cytokine is shown to stimulate the T-cell-dependent development of immunoglobulin-producing B cells. It is also found to support the proliferation of hematopoietic stem cells and megakaryocyte progenitor cells. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jun 2012]</p> <p>Transcript Variant: This variant (2) lacks an exon in the 5' coding region, which results in a downstream in-frame start codon, compared to variant 1. The resulting isoform (2) has a shorter N-terminus, compared to 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>