

Product datasheet for SC304109

IL17B (NM_014443) Human Untagged Clone

Product data:

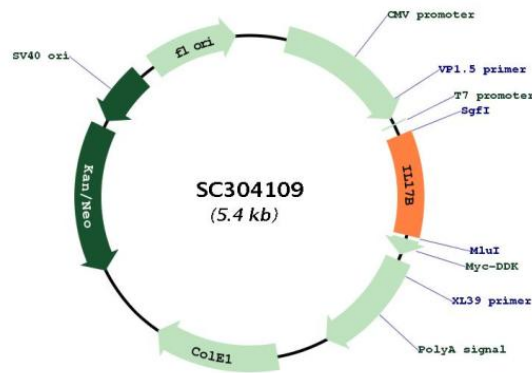
Product Type:	Expression Plasmids
Product Name:	IL17B (NM_014443) Human Untagged Clone
Tag:	Tag Free
Symbol:	IL17B
Synonyms:	IL-17B; IL-20; NIRF; ZCYTO7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC304109 representing NM_014443. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGACTGGCCTCACAACCTGCTGTTTCTTACCATTCCATCTTCTGGGGCTGGGCCAGCCAGG
AGCCCCAAAAGCAAGAGGAAGGGGCAAGGGCGGCCTGGGCCCTGGCCCTCACCAGGTGCCA
CTGGACCTGGTGTACGGATGAAACCGTATGCCCGCATGGAGGAGTATGAGAGGAACATCGAGGAGATG
GTGGCCAGCTGAGGAACAGCTCAGAGCTGGCCAGAGAAAGTGTGAGGTCAACTGCAGCTGTGGATG
TCCAACAAGAGGAGCCTGTCTCCCTGGGGCTACAGCATCAACCAGACCCAGCCGTATCCCGTGGAC
CTGCCGGAGGCACGGTGCCTGTGTCTGGGCTGTGTGAACCCTTCACCATGCAGGAGGACCCGAGCATG
GTGAGCGTGCCGGTGTTACGCCAGGTTCCTGTGCGCCGCCGCTCTGCCCGCCACCGCCCGCACAGGG
CCTTGCCGCCAGCGCGCAGTCATGGAGACCATCGCTGTGGGCTGCACCTGCATCTTCTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites: Sgfl-Mlul



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Plasmid Map:


ACCN:	NM_014443
Insert Size:	543 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).
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:	NM_014443.2
RefSeq Size:	711 bp
RefSeq ORF:	543 bp
Locus ID:	27190
UniProt ID:	Q9UHF5
Cytogenetics:	5q32
Protein Families:	Druggable Genome, Secreted Protein
Protein Pathways:	Cytokine-cytokine receptor interaction
MW:	20.4 kDa
Gene Summary:	<p>The protein encoded by this gene is a T cell-derived cytokine that shares sequence similarity with IL17. This cytokine was reported to stimulate the release of TNF alpha (TNF) and IL1 beta (IL1B) from a monocytic cell line. Immunohistochemical analysis of several nerve tissues indicated that this cytokine is primarily localized to neuronal cell bodies. Alternative splicing results in multiple splice variants. [provided by RefSeq, Dec 2015]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (1).</p>