

Product datasheet for **SC324065**

IL17B Receptor (IL17RB) (NM_018725) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	IL17B Receptor (IL17RB) (NM_018725) Human Untagged Clone
Tag:	Tag Free
Symbol:	IL17B Receptor
Synonyms:	CRL4; EVI27; IL17BR; IL17RH1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_018725.3
 GGCCCCGGCGATGTCGCTCGTGTCTAAGCCTGGCCGCGCTGTGCAGGAGCGCCGTACCC
 CGAGAGCCGACCGTTCAATGTGGCTCTGAAACTGGGCCATCTCCAGAGTGGATGTACAA
 CATGATCTAATCCCGGGAGACTTGAGGGACCTCCGAGTAGAACCTGTTACAACACTAGTGTT
 GCAACAGGGGACTATTCAATTTTGTGAATGTAAGCTGGTACTCCGGGCAGATGCCAGC
 ATCCGCTTGTGAAGGCCACCAAGATTTGTGTGACGGGCAAAAGCAACTCCAGTCTAC
 AGCTGTGTGAGGTGCAATTACACAGAGGCCTCCAGACTCAGACCAGACCCTCTGGTGGT
 AAATGGACATTTTCTACATCGGCTTCCCTGTAGAGCTGAACACAGTCTATTTTCATTGGG
 GCCATAATATTCTAATGCAAATATGAATGAAGATGGCCCTTCCATGTCTGTGAATTTT
 ACCTCACCAGGCTGCCTAGACCACATAATGAAATATAAAAAAAGTGTGTCAAGGCCGGA
 AGCCTGTGGGATCCGAACACTACTGCTTGTAAAGAAGATGAGGAGACAGTAGAAGTGAAC
 TTCACAACCACTCCCCTGGGAAACAGATACATGGCTTTATCCAACACAGCACTATCATC
 GGGTTTTCTCAGGTGTTTGTAGCCACACCAGAAGAAACAAACGCGAGCTTCAGTGGTGATT
 CCAGTGACTGGGATAGTGAAGGTGCTACGGTGCAGCTGACTCCATATTTTCTACTTGT
 GGCAGCGACTGCATCCGACATAAAGGAACAGTTGTGCTCTGCCCAAAACAGGCGTCCCT
 TTCCCTCTGGATAACAACAAAAGCAAGCCGGGAGGCTGGCTGCCTCTCCTCTGTGTCT
 CTGCTGGTGGCCACATGGGTGCTGGTGGCAGGGATCTATCTAATGTGGAGGCACGAAAGG
 ATCAAGAAGACTTCTTTTCTACCACCACTACTGCCCCCATTAAGGTTCTTGTGGTT
 TACCCATCTGAAATATGTTTCCATCACACAATTTGTTACTTCACTGAATTTCTTCAAAC
 CATTGCAGAAGTGAAGTGCATCCTTGAAAAGTGGCAGAAAAAGAAAATAGCAGAGATGGGT
 CCAGTGCAGTGGCTTCCACTCAAAGAAGGCAGCAGACAAAGTCGTCTTCTTCTTTCC
 AATGACGTCAACAGTGTGTGCGATGGTACCTGTGGCAAGAGCGAGGCAGTCCCAGTGAG
 AACTCTCAAGACCTTCCCTTGCCTTAACTTTTCTGAGTGTCTAAGAAGCCAG
 ATTCATCTGCACAAATACGTGGTGGTCTACTTTAGAGAGATTGATACAAAAGACGATTAC
 AATGCTCTCAGTGTCTGCCCAAGTACCACCTCATGAAGGATGCCACTGCTTTCTGTGCA
 GAACCTTCTCCATGTCAAGCAGCAGGTGTGAGCAGGAAAAAGATCACAAGCCTGCCACGAT
 GGCTGCTGCTCCTGTAGCCACCCATGAGAAGCAAGAGACCTTAAAGGCTTCTATCCC
 ACCAATTACAGGGAAAAACGTGTGATGATCCTGAAGCTTACTATGCAGCCTACAAAACAG
 CCTTAGTAATTAACATTTTATACCAATAAAATTTTCAAATATTGCTAACTAATGTAGC
 ATTAACATAACGATTGAAACTACATTTACAACCTCAAAGCTGTTTTATACATAGAATCA
 ATTACAGTTTTAATTGAAAACATAACCATTTTGATAATGCAACAATAAAGCATCTTCAG
 CCAAACATCTAGTCTTCCATAGACCATGCATTGCAGTGTACCCAGAACTGTTTAGCTAAT
 ATTCTATGTTAATTAATGAATACTAACTTAAGAACCCCTCACTGATTCACTCAATAGC
 ATCTTAAGTGA AAAACCTTCTATTACATGCAAAAAATCATTGTTTTAAGATAACAAAAG
 TAGGGAATAACAAGCTGAACCCACTTTTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
 AA

Restriction Sites: ECoRI-NOT

ACCN: NM_018725

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:

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_018725.3](#), [NP_061195.2](#)

RefSeq Size: 2072 bp

RefSeq ORF: 1509 bp

Locus ID: 55540

UniProt ID: [Q9NRM6](#)

Cytogenetics: 3p21.1

Protein Families: Druggable Genome, Secreted Protein, Transmembrane

Protein Pathways: Cytokine-cytokine receptor interaction

Gene Summary: The protein encoded by this gene is a cytokine receptor. This receptor specifically binds to IL17B and IL17E, but does not bind to IL17 and IL17C. This receptor has been shown to mediate the activation of NF-kappaB and the production of IL8 induced by IL17E. The expression of the rat counterpart of this gene was found to be significantly up-regulated during intestinal inflammation, which suggested the immunoregulatory activity of this receptor. [provided by RefSeq, Jul 2008]