

Product datasheet for **SC113373**

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:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_018725 edited

ATGTCGCTCGTGCTGCTAAGCCTGGCCGCGCTGTGCAGGAGCGCCGTACCCCGAGAGCCG
ACCGTTCAATGTGGCTCTGAACTGGGCCATCTCCAGAGTGGATGCTACAACATGATCTA
ATCCCGGAGACTTGAGGGACCTCCGAGTAGAACCTGTTACAACAGTGTGCAACAGGG
GACTATTCAATTTTGATGAATGTAAGCTGGGTACTCCGGGCAGATGCCAGCATCCGCTTG
TTGAAGGCCACCAAGATTTGTGTGACGGGCAAAAGCAACTTCCAGTCCTACAGCTGTGTG
AGGTGCAATTACACAGAGGCCTTCCAGACTCAGACCAGACCCCTCTGGTGGTAAATGGACA
TTTTCTACATCGGCTTCCCTGTAGAGCTGAACACAGTCTATTTTCATTGGGGCCATAAT
ATTCCTAATGCAATATGAATGAAGATGGCCCTTCCATGTCTGTGAATTTACCTCACCA
GGCTGCCTAGACCACATAATGAAATATAAAAAAAGTGTGTCAAGGCCGAAGCCTGTGG
GATCCGAACATCACTGCTTGTGAAGAAGATGAGGAGACAGTAGAAGTGAACCTCACAAAC
ACTCCCTGGGAAACAGATACATGGCTCTTATCCAACACAGCACTATCATCGGGTTTTCT
CAGGTGTTTGAGCCACACCAGAAGAAACAAACGCGAGCTTCAGTGGTGATTCCAGTGACT
GGGGATAGTGAAGGTGCTACGGTGCAGCTGACTCCATATTTTCTACTTGTGGCAGCGAC
TGCATCCGACATAAAGGAACAGTTGTGCTCTGCCCAAAACAGGCGTCCCTTTCCCTCTG
GATAACAACAAAAGCAAGCCGGGAGGCTGGCTGCCTCTCCTCTGCTGTCTGTGGTG
GCCACATGGGTGCTGGTGGCAGGGATCTATCTAATGTGGAGGCACGAAAGGATCAAGAAG
ACTTCCTTTTCTACCACCACACTACTGCCCCCATTAAGGTTCTTGTGGTTTACCCATCT
GAAATATGTTTCCATCACACAATTTGTTACTTCACTGAATTTCTCAAAACCAATTGCAGA
AGTGAGGTCACTCTTGAAGAGTGGCAGAAAAAGAAAATAGCAGAGATGGGTCCAGTGACG
TGGCTTGCCACTCAAAAGAAGGCAGCAGACAAAGTCGTCTTCTTCTTCCAATGACGTC
AACAGTGTGTGCGATGGTACCTGTGGCAAGAGCGAGGGCAGTCCCAGTGAGAATCTCAA
GACCTCTTCCCCCTTGCCTTTAACCTTTTCTGCAGTGATCTAAGAAGCCAGATTCATCTG
CACAAATACGTGGTGGTCTACTTTAGAGAGATTGATACAAAAGACGATTACAATGCTCTC
AGTGTCTGCCCAAGTACCACCTCATGAAGGATGCCACTGCTTTCTGTGCAGAACTTCTC
CATGTCAAGCAGCAGGTGTCAGCAGGAAAAAGATCACAAGCCTGCCACGATGGCTGCTGC
TCCTTG



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Restriction Sites:	ECORI-NOT
ACCN:	NM_018725
Insert Size:	1500 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:	The open reading frame of this TrueClone was fully sequenced and found to be a perfect match to the protein associated to this reference.
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:	<u>NM_018725.2, NP_061195.2</u>
RefSeq Size:	2077 bp
RefSeq ORF:	1509 bp
Locus ID:	55540
UniProt ID:	<u>Q9NRM6</u>
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]