

## Product datasheet for **RC217595**

### **IL17RD (NM\_001080973) Human Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	IL17RD (NM_001080973) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	IL17RD
Synonyms:	DKFZp434N1928; FLJ35755; IL-17RD; IL17RLM; interleukin 17 receptor D; MGC133309; SEF
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide  
Sequence:

>RC217595 representing NM\_001080973  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGCCCCGTGGCTGCAGCTCTGCTCCGCTTCTTTACGGTCAACGCCTGCCTCAACGGCTCGCAGCTGG  
CTGTGGCCGCTGGCGGGTCCGGCCGCGCGGGGCGCCGACACCTGTGGCTGGAGGGGAGTGGGGCCAGC  
CAGCAGAAACAGTGGGCTGTACAACATCACCTTCAAATATGACAATTGTACCACCTACTTGAATCCAGTG  
GGGAAGCATGTGATTGCTGACGCCAGAATATCACCATCAGCCAGTATGCTTGCCATGACCAAGTGGCAG  
TCACCATTCTTTGGTCCCAGGGGCCCTCGGCATCGAATTCCTGAAAGGATTTCCGGTAATACTGGAGGA  
GCTGAAGTCGGAGGGAAGACAGTGCCAACAACCTGATTCTAAAGGATCCGAAGCAGCTCAACAGTAGCTTC  
AAAAGAAGTGGAAATGGAATCTCAACCTTCTCTGAATATGAAATTTGAAACGGATTATTTTCGTAAGGTTG  
TCCCTTTCTTCCATTAACGAAAGCAATTACCACCTTTCTTCTTTAGAACCCGAGCTGTGACCT  
GTTGTTACAGCCGACAATCTAGCTTGTAAACCTTCTGGAAGCCTCGAACCTGAACATCAGCCAGCAT  
GGCTCGGACATGCAGGTGCTTTCGACCATGCACCGCACAACTTCGGCTTCCGTTTCTTCTATCTTCACT  
ACAAGTCAAGCACGAAGGACCTTTCAAGCGAAAGACCTGTAAGCAGGAGCAAATACAGAGACGACCAG  
CTGCCTCCTTCAAATGTTTCTCCAGGGGATTATATAATTGAGCTGGTGGATGACACTAACACAACAAGA  
AAAGTGATGCATTATGCCTAAAGCCAGTGCACCTCCCGTGGGCCGGGCCATCAGAGCCGTGGCCATCA  
CAGTGCCACTGGTAGTCATATCGGCATTCGCGACGCTCTTCACTGTGATGTGCCGCAAGAAGCAACAAGA  
AAATATATATTCACATTTAGATGAAGAGAGCTCTGAGTCTCCACATACACTGCAGCACTCCAAGAGAG  
AGGCTCCGGCCGCGGCCGAAGGCTTTCTCTGCTATTCCAGTAAAGATGGCCAGAATCACATGAATGTGC  
TCCAGTGTTCGCCTACTTCTCCAGGACTTCTGTGGCTGTGAGGTGGCTCTGGACCTGTGGGAAGACT  
CAGCCTCTGTAGAGAAGGCAGAGAGAATGGGTATCCAGAAGATCCACGAGTCCAGTTCATCATTGTG  
GTTTGTTCCAAAGGTATGAAGTACTTTGTGGACAAGAAGAACTACAAACAAAGGAGGTGGCCGAGGCT  
CGGGGAAAGGAGAGCTCTTCTGGTGGCGGTGTCAGCCATTGCCGAAAAGCTCCGCCAGGCCAAGCAGAG  
TTCGTCCGCGGCTCAGCAAGTTATCGCCGTCTACTTTGATTATTCCTGCGAGGGAGACGTCCCCGGT  
ATCCTAGACCTGAGTACCAAGTACAGACTCATGGACAATCTTCTCAGCTCTGTTCCCACTTGCACCTCC  
GAGACCACGGCTCCAGGAGCCGGGCAGCACACGCGACAGGGCAGCAGAAGGAAGTACTTCCGGAGCAA  
GTCAGGCCGTCCCTATACGTCGCCATTTGCAACATGCACCAAGTTATTGACGAGGAGCCGACTGGTTC  
GAAAAGCAGTTTCCCTTCCATCCTCCTCCACTGCGCTACCGGAGCCAGTCTTGGAGAAATTTGATT  
CGGGCTTGGTTTTAAATGATGTCATGTGCAAAACAGGGCCTGAGAGTGACTTCTGCCTAAAGGTAGAGGC  
GGCTGTTCTTGGGGCAACCGGACCAGCCGACTCCAGCACGAGAGTCAAGCATGGGGGCTGGACCAAGAC  
GGGGAGGCCCGGCTGCCCTTGACGGTAGCGCCGCCCTGCAACCCCTGCTGCACACGGTGAAGCCGGCA  
GCCCTCGGACATGCCGCGGGACTCAGGCATCTATGACTCGTCTGTGCCCTCATCCGAGCTGTCTTGCC  
ACTGATGGAAGGACTCTCGACGGACCAGACAGAAACGCTTCCCTGACGGAGAGCGTGTCTCTCTTCA  
GGCCTGGGTGAGGAGAACCTCCTGCCCTTCTTCCAAGCTCCTCTTCTGGGTGATGCAAGCAGATC  
TTGGTTGCCGAGCTACACTGATGAACTCCACGCGGTGCCCCCTTG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC217595 representing NM\_001080973  
Red=Cloning site Green=Tags(s)

```
MAPWLQLCSVFFTVNACLNGSQLAVAAGGSGRARGADTCGWRGVGPASRNSGLYNITFKYDNCTTYLNPV
GKHVIADAQNITISQYACHDQVAVTILWSPGALGIEFLKGFVRVILEELKSEGRQCQQLILKDPKQLNSSF
KRTGMESQPFLLNMFETDYFVKVVPFSPKIKNESNYHPFFRTRACDLLLPDNLACKPFWKPRNLNISQH
GSDMQVVSFDHAPHNFGFRFFYLHYKLKHEGPFKRKTCKQEQTTE TTSCLLQNVSPGDYI IELVDDTNTTR
KVMHYALKPVHSPWAGPIRAVAITVPLVVISAFATLFTVMCRKKQENIYSHLDEESSESSTYTAALPRE
RLRPRPKVFLCYSSKDGQNHMNVVQCFAYFLQDFCGCEVALDLWEDFSLCREGQREWVIQKIHESQFIIV
VCSKGMKYFVDKKNYKHKGGGRSGKGFELVAVSAIAEKLKRAKQSSSAALSKFIAVYFDYSCEGDVPG
ILDLDSTKYRLMDNLPQLCSHLHRDHGLQEPGQHTRQGSRRNYFRSKSGRSLYVAICNMHQFIDEEPWF
EKQFVFPFPPPLRYREPVLKFDVSLVNDVMCKPGPESDFCLKVEAAVLGATGPADSQHEHQHGLDQD
GEARPALDGSAAQLPLLHTVKAGSPSDMPRDSGIYDSSVPSEL SLPLMEGLSTDQTETSSLTESVSSSS
GLGEEPPALPSKLLSSGSCKADLGCRTYDELHAVAPL
```

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

**ACCN:** NM\_001080973

**ORF Size:** 2217 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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\\_001080973.1](#), [NP\\_001074442.1](#)

**RefSeq Size:** 8720 bp

**RefSeq ORF:** 2219 bp

**Locus ID:** 54756

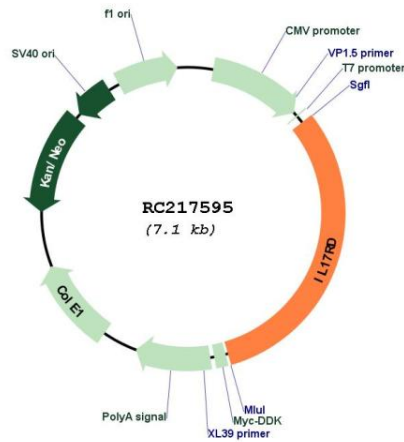
**Cytogenetics:** 3p14.3

**Protein Families:** Druggable Genome

**MW:** 82.9 kDa

**Gene Summary:** This gene encodes a membrane protein belonging to the interleukin-17 receptor (IL-17R) protein family. The encoded protein is a component of the interleukin-17 receptor signaling complex, and the interaction between this protein and IL-17R does not require the interleukin. The gene product also affects fibroblast growth factor signaling, inhibiting or stimulating growth through MAPK/ERK signaling. Alternate splicing generates multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Jan 2016]

### Product images:



Circular map for RC217595