

Product datasheet for **SC318219**

IL17RD (NM_017563) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	IL17RD (NM_017563) Human Untagged Clone
Tag:	Tag Free
Symbol:	IL17RD
Synonyms:	HH18; IL-17RD; IL17RLM; SEF
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

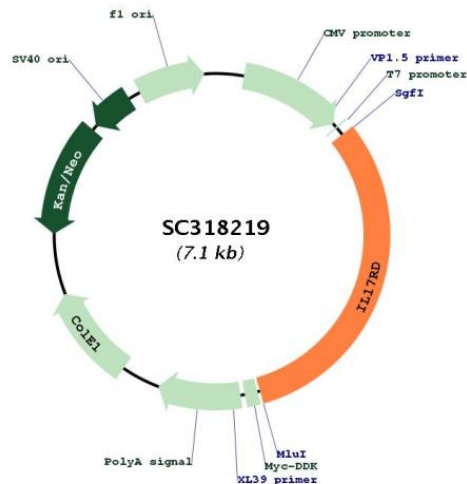
Fully Sequenced ORF: >SC318219 representing NM_017563.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGGCCCCGTGGCTGCAGCTCTGCTCCGTCTTCTTACGGTCAACGCCTGCCTCAACGGCTCGCAGCTG
GCTGTGGCCGCTGGCGGGTCCGGCCGCGGGGCGCCGACACCTGTGGCTGGAGGGAGTGGGGCCA
GCCAGCAGAAACAGTGGGCTGTACAACATCACCTTCAAATATGACAATTGTACCACCTACTTGAATCCA
GTGGGGAAGCATGTGATTGCTGACGCCAGAATATCACCATCAGCCAGTATGCTTGCCATGACCAAGTG
GCAGTCACCATTCTTTGGTCCCCAGGGGCCCTCGGCATCGAATTCCTGAAAGGATTTCCGGTAATACTG
GAGGAGCTGAAGTCGGAGGGAAGACAGTGCCAACAACCTGATTCTAAAGGATCCGAAGCAGCTCAACAGT
AGCTTCAAAGAAGTGAATGGAATCTCAACCTTCTGAAATATGAAATTTGAAACGGATTATTTCTGTA
AAGTTGTCCCTTTCTTCCATTAACAAACGAAAGCAATTACCACCTTTCTTCTTTAGAACCCGAGCC
TGTGACCTGTTGTACAGCCGGACAATCTAGCTTGTAAACCTTCTGGAAGCCTCGGAACCTGAACATC
AGCCAGCATGGCTCGGACATGCAGGTGTCCTTCGACCATGCACCCGACAACCTTCGGCTTCGGTTTCTTC
TATCTTCACTACAAGCTCAAGCAGGAAGACCTTCAAGCGAAAGACCTGTAAAGCAGGAGCAAACACTACA
GAGACGACCAGCTGCCTCCTTCAAATGTTTCTCCAGGGGATTATATAATTGAGCTGGTGGATGACT
AACACAACAAGAAAAGTATGATTATGCCTTAAAGCCAGTGCCTCCCGTGGGCGGGCCATCAGA
GCCGTGGCCATCACAGTGCCACTGGTAGTCATATCGGCATTTCGCAGCCTTCACTGTGATGTGCCGC
AAGAAGCAACAAGAAAATATATTTACATTTAGATGAAGAGAGCTCTGAGTCTTCCACATACACTGCA
GCACTCCCAAGAGAGAGGCTCCGGCCGCGGCGAAGGTCTTCTCTGCTATTCCAGTAAAGATGGCCAG
AATCACATGAATGTCGTCAGTGTTCGCTACTTCTCCAGGACTTCTGTGGCTGTGAGGTGGCTCTG
GACCTGTGGGAAGACTTCAGCCTCTGTAGAGAAGGGCAGAGAGAATGGGTATCCAGAAGATCCAGAG
TCCCAGTTCATCATTGTGGTTTGTTCAAAGGTATGAAGTACTTGTGGACAAGAAGAACTACAAACAC
AAAGGAGTGGCCGAGGCTCGGGGAAAGGAGAGCTTCTCCTGGTGGCGGTGTAGCCATTGCCGAAAAG
CTCCGCCAGGCAAGCAGAGTTCGTCCGCGCGCTCAGCAAGTTATCGCCGTCTACTTTGATTATTCC
TGCGAGGGAGACGTCCCCGGTATCCTAGACCTGAGTACCAAGTACAGACTCATGGACAATCTTCTCAG
CTCTGTTCCCACTTGCCTCCCGAGACCACGGCTCCAGGAGCCGGGCGAGCACACGCGACAGGGCAGC
AGAAGGAACTACTCCGGAGCAAGTCAAGCCGGTCCCTATACGTCGCCATTTGCAACATGCACCAGTTT
ATTGACGAGGAGCCGACTGGTTCGAAAAGCAGTTCGTTCCCTTCCATCCTCCTCCACTGCGCTACCGG
GAGCCAGTCTTGAGAAAATTTGATTTCGGCTTGGTTTTAAATGATGTCATGTGCAAAACAGGGCCTGAG
AGTGACTTCTGCCTAAAGGTAGAGGCGGCTGTTCTTGGGCAACCGGACCAGCCGACTCCAGCAGCAG
AGTCAGCATGGGGCCTGGACCAAGACGGGAGGCCCCGGCTGCCCTTGACGGTAGCGCCGCCCTGCAA
CCCCTGTGCACACGGTAAAGCCGGCAGCCCCTCGGACATGCCGCGGGACTCAGGCATCTATGACTCG
TCTGTGCCCTCATCCGAGCTGTCTCTGCCACTGATGGAAGGACTCTCGACGGACCAGACAGAAACGTCT
TCCCTGACGGAGAGCGTGTCTCCTCTTTCAGGCCCTGGGTGAGGAGGAACCTCCTGCCCTTCTTCCAAG
CTCCTCTTCTGGGTATGCAAAGCAGATCTTGGTTGCCGACGTACACTGATGAACTCCACGCGGTG
GCCCTTTGTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
```

Restriction Sites: Sgfl-Mlul

Plasmid Map:



ACCN: NM_017563

Insert Size: 2220 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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 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:	<u>NM_017563.4</u>
RefSeq Size:	8760 bp
RefSeq ORF:	2220 bp
Locus ID:	54756
UniProt ID:	<u>Q8NFM7</u>
Cytogenetics:	3p14.3
Protein Families:	Druggable Genome
MW:	82.4 kDa
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (2) represents the shorter transcript and encodes the longer isoform a (also known as hSef-a). 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>