

Product datasheet for **MC222257**

Il17ra (NM_008359) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Il17ra (NM_008359) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Il17ra
Synonyms:	AW538159; Cdw217; Il17r; VDw217
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC222257 representing NM_008359
 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGATTTCGGCGCTGTGGCCACGGGTCTCCCGGGCCCGCTGGGATGGCTGCTTCTGCTGCTGA
 AGTTCTGGCCCCGGCCGCGCCTCCCCGCGCCTCCTCGACTTCCCGGCTCCGGTCTGCGCGCAGGAGGG
 GCTGAGCTGCAGAGTCAAGAATAGTACTTGTCTGGATGACAGCTGGATCCACCCAAAAACCTGACCCCG
 TCTTCCCCAAAAACATCTATATCAATCTTAGTGTTCCTCTACCCAGCACGGAGAATTAGTCCCTGTGT
 TGCATGTTGAGTGGACCTGCAGACAGATGCCAGCATCCTGTACCTCGAGGGTGCAGAGCTGTCCGTCT
 GCAGCTGAACACCAATGAGCGGCTGTGTGCAAGTTCAGTTTCTGTCCATGCTGCAGCATCACCGTAAG
 CGGTGGCGGTTTTCTTCAGCCACTTTGTGGTAGATCCTGGCCAGGAGTGAAGTGACTGTTACCACC
 TGCCGAAGCCCATCCCTGATGGGACCCAAACCACAAATCCAAGATCATCTTTGTGCTGACTGTGAGGA
 CAGCAAGATGAAGATGACTACCTCATGCGTGAGCTCAGGCAGCCTTTGGGATCCCAACATCACTGTGGAG
 ACCTTGGACACACAGCATCTGCGAGTGGACTTACCCTGTGGAATGAATCCACCCCTACCAGGTCTCTGC
 TGGAAAGTTTCTCCGACTCAGAGAACCACAGCTGCTTGTATGTCGTTAAACAAATATTTGCGCCAGGCA
 AGAAGAATTCATCAGCGAGCTAATGTCACATTACTCTAAGCAAGTTTCACTGGTGTGCCATCACCCAC
 GTGCAGGTCCAGCCCTTCTTCAGCAGCTGCCTAAATGACTGTTTGGAGACCGCTGTGACTGTGCCCTGCC
 CAGTAATCTCAATACCACAGTTCCTCAAGCCAGTTCAGACTACATCCCTGTGGGTGTATGGCCTCAT
 CACTCATCGCCATTCTGCTGGTGGGATCTGTATCGTGTGATCATCTGTATGACCTGGAGGCTTTCT
 GCGCCGATCAAGAGAAACATGGTGTGACTCCAAAATCAATGGCATCTTGCCCGTAGCAGACCTGACTC
 CCCACCCCTGAGGCCAGGAAGTCTGGATCGTCTACTCGGCCGACCACCCCTCTATGTGGAGTGTT
 CCTAAAGTTCGCCAGTTCCTGATCACTGCCTGTGGCAGTGAAGTAGCCCTTGACCTCTGGAAGAGCAG
 GTTATCTCTGAGGTGGGGTCTGACCTGGGTGAGCCGACAGAAGCAGGAGATGGTGGAGAGCAACTCCA
 AAATCATCATCTGTGTTCCCGAGGCACCAAGCAAAGTGGAAAGCTATCTTGGGTTGGGCTGAGCCTGC
 TGTCCAGCTACGGTGTGACCACTGGAAGCCTGTGGGACCTTTTCACTGCAGCCATGAACATGATCCTG
 CCAGACTCAAGAGGCCAGCCTGCTTCGGCACCTACGTTGTTTGTACTTCAGTGGCATCTGTAGTGA
 GGGATGTCCCGACCTCTCAACATCACCTCCAGGTACCCACTCATGGACAGATTTGAGGAGGTTTACTT
 CCGGATCCAGGACCTGGAGATGTTTGAACCCGGCCGATGCACCATGTCAGAGAGCTCACAGGGACAAT
 TACCTGCAGAGCCCTAGTGGCCGCGAGCTCAAGGAGGCTGTGCTTAGGTTCCAGGAGTGGCAAACCCAGT
 GCCCGACTGGTTCGAGCGTGAACCTCTGCTTAGCTGATGGCCAAGATCTTCCCTCCCTGGATGAAGA
 AGTGTGTTGAAGACCCACTGCTGCCACCAGGGGGAGGAATTGTCAAACAGCAGCCCTGGTGGCGGAACTC
 CCATCTGACGGCTGCCTGTGGTAGATGTCTGTGTGAGTGGAGGAAAGTAGAATGGCAAAGCTGGACC
 CTCAGCTATGGCCACAGAGAGAGCTAGTGGCTCACACCTCCAAAGCATGGTGTGCCAGCAGAGCAGGT
 CCCTGCAGCTCATGTGGTGGAGCCTCTCCATCTCCAGACGGCAGTGGAGCAGCTGCCAGCTGCCATG
 ACAGAGGACAGCGAGGCTTGCCCGCTGTGGGGTCCAGAGGAACAGCATCCTTTGCCTCCCGTGGACT
 CAGATGACTTGCCACTCTGTAGCACCCCAATGATGTACCTGACCACCTCCAAGGCGATGCAAGAGAGCA
 GCTAGAAAAGCCTAATGCTCTCGGTGCTGCAGCAGAGCCTGAGTGGACAGCCCTGGAGAGCTGGCCGAGG
 CCAGAGGTGGTCTCGAGGGCTGCACACCTCTGAGGAGGAGCAGCGGCAGTCCGGTGCAGTGGAGCAGG
 GCTACATCTCCAGGAGCTCCCGCAGCCCCCGAGTGGCTCACGAGGAGGAAGAGCTAGAAGTGGTGA
 GCCCGTTGAGTCTCTCTCTCTGAGGAACTACGGAGCCTGAGGAAAGCTCCAGAGGAGCTTTTCTCTGG
 GAGCTCGAGAAGAACCCTGGCTGGAACAGCTTGGAGCCACGGAGACCCACCCAGAAGAGCAGAATCCCT
 CCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1695_a08.zip

Restriction Sites: SgfI-MluI

ACCN: NM_008359

Insert Size:	2595 bp
OTI Disclaimer:	<p>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.</p> <p>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</p>
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_008359.2 , NP_032385.1
RefSeq Size:	3970 bp
RefSeq ORF:	2595 bp
Locus ID:	16172
UniProt ID:	Q60943
Cytogenetics:	6 56.95 cM
Gene Summary:	<p>Receptor for IL17A (PubMed:17911633, PubMed:20554964, PubMed:8777726). Receptor for IL17F (PubMed:17911633, PubMed:20554964). Binds to IL17A with higher affinity than to IL17F (PubMed:17911633). Binds IL17A and IL17F homodimers as part of a heterodimeric complex with IL17RC (By similarity). Also binds heterodimers formed by IL17A and IL17F as part of a heterodimeric complex with IL17RC (By similarity). Receptor for IL17C as part of a heterodimeric complex with IL17RE (PubMed:21993848, PubMed:21993849, PubMed:21982598). Activation of IL17RA leads to induction of expression of inflammatory chemokines and cytokines such as CXCL1, CXCL8/IL8 and IL6 (By similarity).[UniProtKB/Swiss-Prot Function]</p>