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Product datasheet for MC221251

Il17rd (NM_134437) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Il17rd (NM_134437) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Il17rd
Synonyms:	2810004A10Rik; AI428510; Sef; Sef-S
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

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Fully Sequenced ORF:

>MC221251 representing NM_134437
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCCCCGTGGCTGCAGCTCTGCTCCTTCTTCTTCACTGTCAACGCCTGTCTCAACGGCTCGCAGCTGG
CAGTGGCCGCGGGCGGCTCCGGCCGCGCGAGGGGCGCGGACACCTGTGGCTGGAGGGGAGTGGGGCCGGC
CAGCAGGAACAGCGGACTGCACAACATCACCTTCAGATACGACAACTGTACCACCTACTTGAATCCCGGC
GGGAAGCATGCGATTGCTGATGCTCAGAACATCACCATCAGCCAGTACGCTTGCCACGACCAGGTGGCAG
TCACCATTCTTTGGTCCCCAGGGGCCCTTGGCATTGAATTCCTAAAAGGATTCCGAGTCATCCTGGAGGA
GCTGAAGTCGGAGGGCAGACAGTGCCAACAGCTGATTCTAAAGGACCCCAAACAGCTCAACAGCAGCTTC
AGAAGGACTGGAATGGAATCTCAGCCTTTCCTGAATATGAAATTTGAGACGGATTACTTTGTAAAGATTG
TCCCTTTCCCTTCCATTAAAAATGAAAGCAATTACCATCCCTTCTTCTTCAGAACACGGGCCTGTGACCT
GTTGTTACAACCTGACAACTTGGCCTGTAAGCCTTTCTGGAAGCCTCGAAACCTGAATATCAGCCAGCAT
GGTTCTGACATGCACGTGTCCTTCGACCATGCCCCGCAGAACTTCGGCTTCCGTGGCTTCCATGTTCTCT
ATAAGCTCAAGCACGAAGGCCCCTTCAGGCGGAGGACTTGCAGGCAGGACCAGAATACAGAGACAACCAG
CTGCCTCCTCCAAAACGTTTCTCCAGGGGACTATATCATTGAGCTGGTGGATGACAGCAACACCACCAGG
AAAGCTGCTCAGTATGTGGTGAAGTCAGTGCAGTCTCCCTGGGCTGGACCCATCAGAGCTGTGGCCATCA
CTGTGCCTCTGGTTGTCATATCTGCGTTCGCAACCCTGTTCACTGTGATGTGCAGAAAGAAGCAACAAGA
AAATATATATTCACATTTAGATGAAGAAAGCCCGGAGTCGTCCACATACGCTGCGGCTCTCCCCAGAGAC
AGGCTCCGGCCTCAGCCCAAGGTCTTCCTCTGCTACTCCAATAAAGATGGCCAGAATCACATGAACGTGG
TCCAGTGTTTCGCCTATTTCCTGCAAGATTTCTGTGGCTGTGAGGTGGCTCTGGACTTGTGGGAAGATTT
CAGCCTCTGCAGAGAGGGGCAGAGAGAATGGGCCATTCAGAAGATCCACGAGTCCCAGTTCATCATTGTC
GTGTGCTCCAAAGGCATGAAGTACTTTGTAGATAAGAAGAACTTCAGACACAAAGGAGGCAGCCGCGGCG
AGGCGCAAGGCGAGTTCTTCCTGGTGGCCGTGGCAGCCATTGCTGAGAAGCTCCGTCAGGCCAAGCAGAG
CTCATCTGCCGCACTGCGCAAGTTCATCGCCGTCTACTTCGATTATTCCTGTGAAGGGGATGTACCCTGC
AGCCTGGACCTGAGCACCAAGTACAAGCTCATGGACCACCTTCCTGAGCTCTGTGCCCATCTGCACTCAG
GAGAGCAGGAGGTGCTGGGTCAGCACCCAGGCCACAGCAGCAGAAGGAACTACTTCCGGAGCAAATCGGG
CCGCTCCCTGTATGTTGCCATTTGCAACATGCACCAGTTTATTGATGAGGAGCCTGACTGGTTTGAGAAG
CAGTTTATACCCTTCCAACATCCCCCTGTGCGTTACCAGGAGCCAGTCCTGGAGAAATTTGACTCAGGCT
TGGTTTTAAATGATGTCATAAGCAAACCAGGGCCAGAGAGTGACTTCTGTCGGAAAGTCGAGGCTTGTGT
ACTTGGGGCCGCTGGGCCAGCCGACTCTTATTCATACCTGGAGAGTCAGCATGTAGGCCTGGACCAAGAC
ACTGAGGCCCAGCCCTCCTGTGATAGTGCCCCTGCCTTGCAGCCCCTGTTACACGCAGTGAAAGCTGGCA
GTCCCTCAGAGATGCCACGGGACTCAGGCATATATGATTCTTCTGTACCCTCATCAGAGCTCTCTCTGCC
TCTGATGGAGGGACTCTCTCCGGATCAGATAGAAACATCTTCTCTGACCGAGAGTGTATCTTCCTCCTCT
GGCCTAGGTGAGGAGGACCCCCCTACCCTCCCTTCCAAGCTCCTTGCCTCTGGGGTGTCCAGAGAACATG
GTTGCCACAGCCACACTGACGAACTGCAAGCGCTTGCTCCTTTGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_134437

Insert Size: 2217 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).

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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_134437.3, NP_602319.1
RefSeq Size:	8220 bp
RefSeq ORF:	2217 bp
Locus ID:	171463
UniProt ID:	Q8JZL1
Cytogenetics:	14 A3
Gene Summary:	Feedback inhibitor of fibroblast growth factor mediated Ras-MAPK signaling and ERK activation. May inhibit FGF-induced FGFR1 tyrosine phosphorylation. Regulates the nuclear ERK signaling pathway by spatially blocking nuclear translocation of activated ERK (By similarity). Mediates JNK activation and may be involved in apoptosis. Might have a role in the early stages of fate specification of GnRH-secreting neurons.[UniProtKB/Swiss-Prot Function]

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