

Product datasheet for MR222634

IL17c (NM_145834) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: IL17c (NM_145834) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: IL17c
Synonyms: IL-17C
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR222634 representing NM_145834
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAGTCTCCTGCTTCTAGGCTGGTTGCCTACTGGGATGACCCACCAAGATCCCCGTCCTGGGGAAAC
 CCCGAAGCCATAGGACCCTGCGGTGCTACTCTGCTGAGGAATTATCTCACGGCCAGGCTCCTCCACCT
 GCTAACTCGAAGTGCCAGGTGGGAGCAGGCCCTCCCTGTGGCCCTGGTGGCCAGTTTGGAGGCCACGGC
 CACAGGAGACAGCATGAAGGACCTCTAGCTGGAACACAGTGCCCCGTGCTGCGGCCGAGGAGGTGCTGG
 AAGCTGACTCAGGAGCGCTCCATCTCACCATGGAGATATCGCATCGACACAGATGAGAACCGCTACCC
 ACAGAAGCTGGCGGTGGCAGAATGCTTGTGTCTGGATGCATCAACGCCAAGACAGGCCCTGAGACAGCT
 GCCCTGAACTCGGTGCAGCTGCTGCAGAGCCTGCTGGTACTACGGCGACAGCCCTGCTCCCAGAGCGGCA
 CGGCGGACCCTACACCAGGATCCTTCGCCTTCCACACCGAGTTTATCCGCGTGCCTGTGCGCTGCACCTG
 CGTTCTTCCCAGGTCTACACAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR222634 representing NM_145834
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MSLLLLGWLPTGMTHQDPPSWGKPRSHRTLRCYSAEELSHGQAPPHLLTRSARWEQALPVALVASLEATG
 HRRQHEGPLAGTQCPVLRPEEVLEADTHERSISPWRYRIDTDENRYPQKLAVAELCRGCINAKTGRETA
 ALNSVQLLQSLLVLRQPCSRDGTADPTPGSFHFHTEFIRVVPVGTCTVLPRTSQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV



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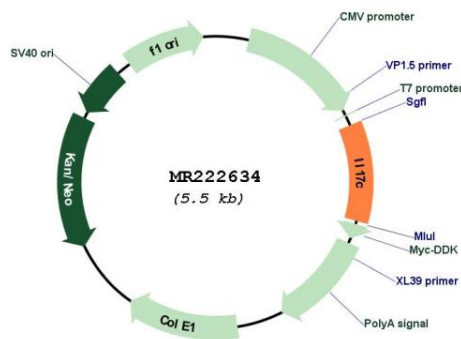
UniProt ID: [Q8K4C5](#)

Cytogenetics: 8 E1

MW: 22 kDa

Gene Summary: Cytokine that plays a crucial role in innate immunity of the epithelium, including to intestinal bacterial pathogens, in an autocrine manner. Stimulates the production of antibacterial peptides and proinflammatory molecules for host defense by signaling through the NFKB and MAPK pathways. Acts synergically with IL22, TNF and IL1B in inducing antibacterial peptides. May have protective function by maintaining epithelial homeostasis after an inflammatory challenge, such as that caused in the intestine by dextran sulfate sodium in a colitis model. May also promote an inflammatory phenotype, such as skin in a psoriasis model. Enhanced IL17C/IL17RE signaling may also lead to greater susceptibility to autoimmune diseases, such as autoimmune encephalitis.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR222634