

Product datasheet for MR228225

IL15 (NM_001254747) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: IL15 (NM_001254747) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: IL15
Synonyms: AI503618; IL-15
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR228225 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAAATTTTGAACCATATATGAGGAATACATCCATCTCGTGCTACTTGTGTTTCCTTCTAACAGTC
 ACTTTTTAACTGAGGCTGGCATTTCATGTCTTCATTTGGGCTGTGTGAGTGTAGGCTCCCTAAAACAGA
 GGCAACTGGATAGATGAAGATATGACCTGGAGAAAATTGAAAGCCTTATTCAATCTATTCATATTGAC
 ACCACTTTATACACTGACAGTGACTTTTCATCCCAGTTGCAAAGTTACTGCAATGAACTGCTTCTCCTGG
 AATTGCAGTTATTTTACATGAGTACAGTAACATGACTCTTAATGAAACAGTAAGAAACGTGCTCTACCT
 TGCAAACAGCACTCTGTCTTCTAACAAGAATGTAGCAGAATCTGGCTGCAAGGAATGTGAGGAGCTGGAG
 GAGAAAACCTTCACAGAGTTTTTCAAAGCTTTATACGATTGTCCAATGTTTCATCAACACGTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR228225 protein sequence
 Red=Cloning site Green=Tags(s)

MKILKPYMRNTSISCYLCFLLNSHFLTEAGIHVFIILGCVSVGLPKTEANWIDVRYDLEKIESLIQSIHID
 TTLYTDSDFHPSCKVTAMNCFLLLELQVILHEYSNMTLNETVRNVLYLANSTLSSNKNVAESGCKECELE
 EKTFTFLQSFIRIVQMFINTS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



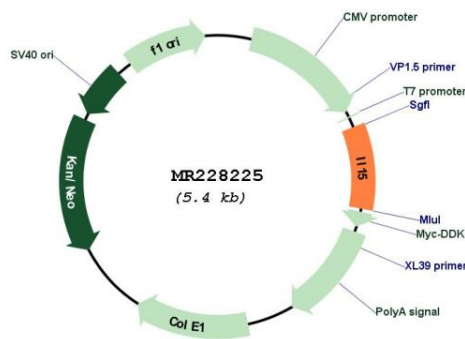
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Cytogenetics: 8 39.33 cM

MW: 18.6 kDa

Gene Summary: This gene encodes a pleiotropic cytokine of the interleukin family of proteins that plays important roles in the innate and adaptive cell homeostasis, as well as peripheral immune function. The encoded protein undergoes proteolytic processing to generate a mature cytokine that stimulates the proliferation of natural killer cells. The transgenic mice overexpressing the encoded protein exhibit an increase in the number of memory CD8+ T cells in a naive state and enhanced protection against bacterial infections. Mice lacking the encoded protein exhibit impaired protection against a strain of attenuated *Mycobacterium*. [provided by RefSeq, Aug 2016]

Product images:



Circular map for MR228225