

Product datasheet for MR227007

II9 (NM_008373) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: II9 (NM_008373) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: II9
Synonyms: II-9; P40
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR227007 representing NM_008373
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTTGGTGACATACATCCTTGCCTCTGTTTTGCTCTTCAGTTCTGTGCTGGGCCAGAGATGCAGCACCA
CATGGGCATCAGAGACCAATTACCTTATTGAAATCTGAAGGATGATCCACCGTCAAATGCAGCTG
CAGCGCAACGTGACCAGCTGCTGTGTCTCCGTCCCACTGATGATTGTACCACCGTGCTACAGG
GAGGGACTGTTACAGCTGACCAATGCCACACAGAAATCAAGACTCTTGCCTGTTTTCCATCGGGTAAAA
GGATAGTTGAAGTCCTAAAGAACATCACGTGTCGGTCTTTTCTGCGAAAAGCCATGCAACCAGACCAT
GGCAGGCAACACACTGTCATTTCTGAAGAGTCTCCTGGGGACGTTCCAGAAGACAGAGATGCAAAGGCAG
AAAAGCCGACCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR227007 representing NM_008373
Red=Cloning site Green=Tags(s)

MLVTYILASVLLFSSVLGQRCSTTWGIRDNYLIENLKDDPPSKCSCSGNVTSLCLSVPTDDCTTPCYR
EGLLQLTNATQKSRLLPVHRVKRIVEVLKNITCPSFSCEKPCNQTMAGNTLSFLKSLLGTFQKTEMQRQ
KSRP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9008_d06.zip



[View online »](#)

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_008373

ORF Size: 432 bp

OTI Disclaimer: 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 clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_008373.2](#)

RefSeq Size: 536 bp

RefSeq ORF: 435 bp

Locus ID: 16198

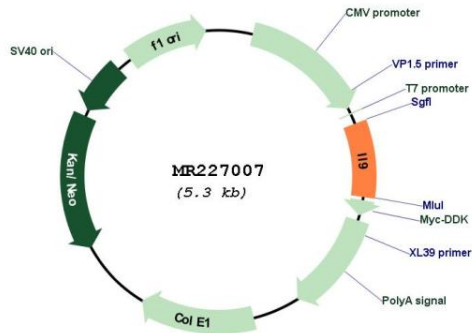
UniProt ID: [P15247](#)

Cytogenetics: 13 30.06 cM

MW: 16.5 kDa

Gene Summary: Supports IL-2 independent and IL-4 independent growth of helper T-cells.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR227007