

Product datasheet for MR227640

II7 (NM_008371) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: II7 (NM_008371) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: II7
Synonyms: A630026I06Rik; hIb36; hIb368; II; II-7
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR227640 representing NM_008371
 Red=Cloning site Blue=ORF Green=Tags(s)

CTATAGGGCGGCCGGAATTCGTCTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTTCCATGTTTCTTTTAGATATATCTTTGGAATTCCTCCACTGATCCTTGTTCTGCTGCCTGTCACAT
 CATCTGAGTGCCACATTAAGACAAAGAAGGTAAGCATATGAGAGTGTACTGATGATCAGCATCGATGA
 ATTGGACAAAATGACAGGAAGTATAGTAATTGCCGAATAATGAACAACTTTTTAGAAAACATGTA
 TGTGATGATACAAAGGAAGCTGCTTTTCTAAATCGTGCTGCTCGCAAGTTGAAGCAATTTCTAAAAATGA
 ATATCAGTGAAGAATTCAATGTCCACTACTAACAGTATCACAAGGCACACAAACTGGTGAAGTGCAC
 AAGTAAGGAAGAAAAACGTAAAGGAACAGAAAAAGAATGATGCATGTTTCTAAAGAGACTACTGAGA
 GAAATAAAAACTTGTGGAATAAAATTTGAAGGGCAGTATA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI



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Cloning Scheme:


ACCN: NM_008371

ORF Size: 462 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_008371.5](#)

RefSeq Size: 2475 bp

RefSeq ORF: 465 bp

Locus ID: 16196

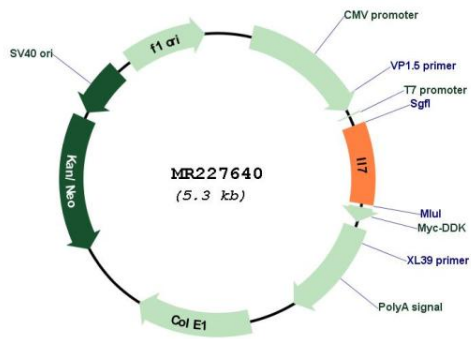
UniProt ID: [P10168](#)

Cytogenetics: 3 2.02 cM

MW: 18.2 kDa

Gene Summary: The protein encoded by this gene is a hematopoietic growth factor important for B and T cell development. Alternative splicing results in several transcript variants encoding different isoforms. [provided by RefSeq, Sep 2015]

Product images:



Circular map for MR227640