

Product datasheet for **MR224241**

Ivl (NM_008412) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ivl (NM_008412) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ivl
Synonyms:	1110019C06Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MR224241 representing NM_008412
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCCCATCAACACACTGCCAGTGACTGTTCCAGCTGTGGTTCAGGGACCTCTCAAGACTGTGTGTT
 CTCAGATCATATCCAGCAGGAACAAGCAACCAACTCCACATCCTACACAATGCCAGGTCTTCAC
 TGAGATTC AAGAGAAGGGCTTTCCCAAACATGAGGAGAAGCGGCCAAACCTGTGAAGGATCTGCCTGAT
 CAAAAGTGTGAGCACCAGCAGCAGCCAGGACCACAAAAGCAGCAGCTGCAGGTGAAAAAGTACAGCAGG
 AGCTGCAGGAACAGGAAGTGCATCTGGAGAAGCAGCAGCTACCACAAGAGCCCCAGGGGCTCCTGTGCCT
 GGAACAACAACAGCAGCAAGAGCCACAAATGCAAGAACAGCACCTCAGACAGCAGCAGCAGCAGCAGCAG
 CAG
 AGAAGCAG
 GCTGCAGGATCCAGAAGTGCATCTGGGTCAGCAGCAGAAAACCTCAGAGGAGCAGAAAAGTATTCCAGGA
 GAAAAGCAGCAGGAGCTGCACCTGGGACAGAGGCCACAGGAGCCACAGGAGCAGGAGCTACACCTGGGAC
 AGAAACAGAAGCAGAAGCTACATGAACCAGAAGTCAACTGGGAAAACAGCAGCACCAGAAGCCATCTGA
 GCCAGAAGTGCCTCTGGGAAAGCAGCAGCAGGAGTCACTGAACCAGAAGTGCCTCTGGGAAAGCAGCAG
 CAGCAGGAGTCACTGAGCCAGAAGTCAACTGGGAAAGCAGCAGCAGTCACTGAGCCGGATATGGCAG
 GGGATCAGAAAGAGAAGCAGAAACTTCATAAGCCAGAAGTGTACCTGAGAAAGCAGCAGTACCAGGAGTC
 ACCTGACCCAGAGTTGTCCCTGGGAAAACAGCAGCAGCAGGAGTGTGAGAAACAGAAGTCACTGAGCCAG
 GAGAAGCAGCATCAGAAGCCACCTGAACCAGAAGTGCACCTGGGAAAGCAGCAGGAGTCACTGAGCCAG
 ATATGGCAGAGGATCTGGAAGAGAAGCAGAAACTTGGTGAGCCAGAATTACACCTAGGAAAGCAGCAGG
 GCAACAGATAGAGCGTGAAGGTTATCAAGGACCAAAAAGCCTGGGTCAGTCACTTAAGCAAGAGAAGCT
 TCAAGGAAAACAGCAGCTAGATTACTCACATCTAGAACAGGAGAAGGAGCTCTCAGACCAGCCACTGGATC
 AAGCACTAGTAAAGAAGGGTAAACAAGTGGAAAGGAAGAAACACGAATTGGAGAACCGGACACAGCAGGA
 GAAG

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR224241 representing NM_008412
 Red=Cloning site Green=Tags(s)

MSHQHTLPVTVPAVVQGPLKTVCSPDHIQQEQAKQPTPHPTQCQVFTEIQEKGFPKHEEKRPNPVKDLPD
 QKCEHQQPQPGPQKQQLQVKKSQELQEQLHLEKQQLPQEPQGLLCLCQQQQQEPQMQEQHLRQQQQQQQ
 QQQQQQQQQQQQETQEQLCLGQQKQQQQQDMLVPQELHLRQHKEKLDPELHLGQQQKTPPEEQKLIPG
 EKQQELHLGQRHQEPQEQLHLGQKQKQLHEPELQLGKQQHQKPSPELPLGKQQQESPELPLGKQQ
 QQESPEPELQLGKQQSHEPDMAGDQKEKQKLHKPELYLRKQQYQESPDPELSLQKQQHQEQPELQLE
 EKQHQKPEPELHLGKQQESHEPDMADLEEKQKLGEPELHLGKQQQQQIEREGYQGPKSLGQSLKQEK
 SRKQQLDYSHLEQEKELSDQPLDQALVKKGKQLERKKHELENRTQQEK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9107_e12.zip

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_008412

ORF Size: 1404 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_008412.3](#), [NP_032438.2](#)

RefSeq Size: 1924 bp

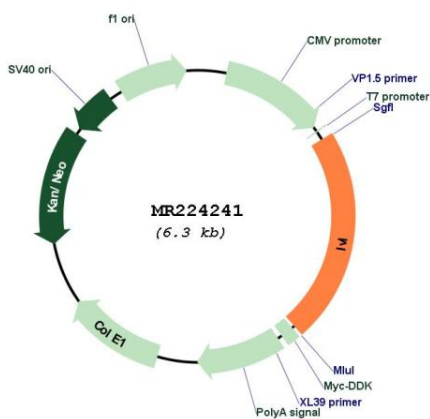
RefSeq ORF: 1407 bp

Locus ID: 16447

Cytogenetics: 3 40.14 cM

MW: 55 kDa

Product images:



Circular map for MR224241