

Product datasheet for **RR204475**

Ilvbl (NM_001108738) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ilvbl (NM_001108738) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ilvbl
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide
Sequence:

>RR204475 representing NM_001108738
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGCGTGGCCTTGGGACTCAATGATGTTAGCGGGGGCGGCTCTCTGCTGAGGTCGAGTCCCTGTG
 TTGAGGAGGGTGGGTTCCCGTGGGTTCCCTAATAAATAGGTTCTTCTCATGAAACTACTGCGGCCGC
 TGCATCTGCCGGGGCTTCTCCCTCGTTCCTGCTCCTGGCGTTTGGGACACTGGTGGCTGCCGTGCTG
 GGCGCCGCTCACAGACTGGGCTCTTCTATCAGCTGATGCACAAGGTGGACAAGACAAGCATCCGGCATG
 GCGGAGAGAGTGTGGCAGCTGTGCTCCGAGCCCACGGCGTACGCTTTGTCTTACGTTGGTCCGTGGGCA
 CATTTCCTCACTGCTGGTGGCCTGTGAGAAGCTGGGCATCCGAGTGGTAGACACACGCCATGAGGTCCT
 GCTGTCTTTGCTGCTGATGCTGTGGCCCGTTGACTGGGACAGTGGGCGTGGCAGCAGTGACAGCCGGTC
 CTGGCCTACCAACACCGTGACTGCAGTGAAGAATGCCCAAGTGGCACAGTCCCCAGTCTGCTTCTGGG
 TGGGGCTGCCAGCACCTGCTGCAGAAACGGGGCGCGCTCCAGGCCATTGATCAGATGTCTCTGTTGAGG
 CCACTCTGCAAAATCTGTGCGTCTGTGCGAAGGGTACGGGACATTGTACCTACCTGAGGGCTGCAATGG
 CTGCCGCCAATCGGGCACCCAGGCCCGGTGTTTGTGGAGCTGCCTCTTGATGTGCTGTATCCCTACTT
 CATGGTTGAGAAGGAGATGATACCAGCCAGCTGCCCAAGGGCCTCATGGGTCGAGTGGTTGTCTGGTAC
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 GCTGGTGTGGGAGCCAGGCCCTGCTACCCCCAACCCCGCCAACAAGCTTAGGGCTGCTGTGGAGACC
 CTGGGTGTCCCTGCTTCTCGGGGGATGTCTCGGGGCTGCTGGGCCCAACCACCTCTCCACATCC
 GGCAGAACCGCAGCGCTGCCCTGAAGAAAGCAGATGTTGTTGCTCTGGCGGGTGTGTGTGCGATTCCG
 CCTGTCTTATGGTCGCGTCCCTCAACCGCAAGAGCAGCATCATATTGTCAACCGGAACCGGGATGATATG
 TTGCTCAACTCAGACATCTTCTGGAAGCCCCAGGAGGCTGTGCAGGGAGATGTGGCTCCTTCATGATCA
 AACTGGTGAAGGCTGCAGGGCCAGACGTGGTCTCAGACTGGGTTGAGGAGCTTCGAAAGCCGACCA
 GCAGAAGGAGCAGACTTACCGGATAAAGCTTTGTTGCCTGTACCTCAGCACCTGAACCCAGTACGGCTG
 TTACAGCAGGTGGAGGAACTCTGCCTGACAACGCGCTTCTTGTGGTTGACGGCGGGGACTTCGTTGCCA
 CTGCTGCCTACTTAGTACAGCCAGAGGGCCCTGCGCTGGCTCGACCCTGGGGCTTTGGGACTCTGGG
 AGTTGGCGCAGGTTTTGCACTTGGGGCCAAGCTGTGTGACCCGAGGCCAGGTTTGGTGCCTGTTGGG
 GATGGAGCCTTTGGCTACAGCCTCATTGAGTTCGACACGTTGTCAGACATAAGGTACCGGTGATAGCCT
 TGGTAGGGAACGATGCAGGTTGGACCCAGATTTCTCGGGAGCAGGTGCCAGGTTGGGCAGTGATGTGGC
 CTGTAGCCTGGCTTACACCGATTATCACAAGGCAGCCATGGGCCTGGGGGCCAGGGATTGATACTCTCA
 CGGGACAACGAGGATCAAGTGGTCAAGGTACTTCGTGATGGCCAGAAGCTGTGCCAGGAGGGCCATGCTG
 TCGTGGTCAACATCTGATCGGGAGGACAGATTCAGAGATGGCTCCATTTCTGTA

ACGCGTACGCGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAAGTTTAA

Protein Sequence: >RR204475 representing NM_001108738
Red=Cloning site Green=Tags(s)

MGAWPCDSMMLARGGLSAEVESCVEEGGFPVGSLINRFFLMETAAAAASAGGFFPSFLLAFGTLVAAVL
 GAAHRLGLFYQLMHKVDKTSIRHGGESVAAVLRAGVRFVFTLVGGHISPLLVACEKLGIRVVDTRHEVT
 AVFAADAVARLTGTVGVAAVTAGPGLTNTVTAVKNAQVAQSPVLLLGAASTLLQKRGALQAIQMSLFR
 PLCKFCASVRRVRDIPVTLRAAMAAAQSGTPGPVFVELPLDVLYPYFMVEKEMIPALPKGLMGRVVVWY
 LQNCLANL FAGAWEPREGLPLDIPQASPQQVQRCVEILSRKRPLLVLSQALLPPTPANKLRAAVET
 LGVPCFLGGMSRGLLGRNHPLHIRQNRSAALKKADVVLVLAGAVCDFRLSYGRVLRKSSIIIVNRNRDDM
 LLNSDIFWKPQEAQGDVGSFMIKLVEGLQGQWSSDWEELRKADQKQEQTYRDKALLPVPQHLNPVRL
 LQQVEETLPDNALLVVDGGDFVATAAYLVQPRGPLRWDLPAGFGTLGVGAGFALGAKLCQPEAEVWCLFG
 DGAFGYSLEFDTFVRHKVPVIALVGNDAWGTQISREQVPRLGSDVACSLAYTDYHKAAMGLGAQGLILS
 RDNEQVVKVLRDQKLCQEGHAVVVNILIGRTDFRDGSI SV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NM_001108738

ORF Size: 2016 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_001108738.1](#), [NP_001102208.1](#)

RefSeq Size: 2632 bp

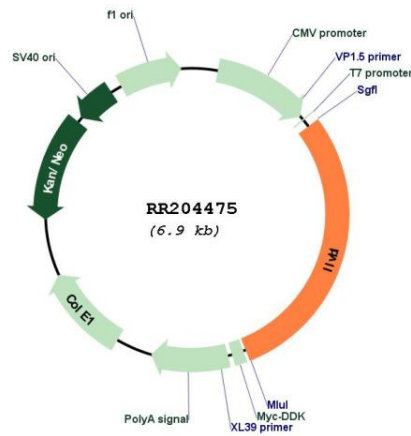
RefSeq ORF: 2019 bp

Locus ID: 362843

Cytogenetics: 7q11

MW: 72.3 kDa

Product images:



Circular map for RR204475