

Product datasheet for **RN212299**

Ivl (NM_022195) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ivl (NM_022195) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ivl
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN212299 representing NM_022195
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTCCCATCAACACACAGTGCCAGTGACTGTTCCAGCTGTGGTTCAGGAATCTCTCAAGACTGTATGTT
 CTCCAGCTCAAACCTCAGCAGGAACAAACAAGCAACCAACTCCATATCCTGCACAATGCCAGGTCTTCAC
 TGACACTCAAGAGAAGGGCTTTCCCAAACATGAGGAGAAGGAGGCAAACCCCGTAAAGATCTGCCTGAG
 CAAGAGAGTGAGCACCACCAGCAGCCAGGACCACAGAAGCAGCAGCTGCAGGTGAAAAAGCCAGAGCAGG
 AGCTGCAGGAACAGGAAGTGCATTCGGAGAAGCAGCCACAGGAGCCACAGGGGCTCCTGTGCCTGGGACA
 GCAACAGCAGCGAGAGCCACAAGAGCAAGAAGCAGCACCTTAGACAGCACCAGCAGCCACAGCAAGAGTCA
 CAGGGGCGAGGGCTGTGCTTGGGCGAGCAGCAAGATGTGCTGGCACCACAGGAGTGCATATGGGACAGC
 ACCAGAAGGAGAAGCTGCAGGAGCCAGAAGTGCCTCTGGGTGAGCAGCAGAAAACCCAGAGGAACAGGA
 ACTGATTCTAGGAGAAAAGCAGCAGAAGCTGCACCTGGTAGAGAGGCACCAAGAGCCACAGGAGCAGGAG
 CTGCACCACGGACAGAAAACAGAAGCAACAGCAACCAAGAAGCAGGAGTTGCAGTTGGTACAGCACCAGA
 AGCAGAAGCAGCATGAACCAGAATTGTGCCTGAGGAAGCAGCAGCAGCAGGAGTACATGAGCGAGAAGT
 GCACCTGGGAAAGCAGCAGCAGCAGGAGTACATGAGCCAGAAGTGCACCTGGGAAAGCAGCAGCATCAG
 GAGTCACATGAACCAGAAGTGCACCTGGGAAAGCAGCAGCATCAGGAGTGCATGTGAGCCAGAAGTGCACC
 TAGGGGAAACAGCAGCATCAGGAGCAGCAGCAGCATCAGGAGTGCATGTGAGCCAGAAGTGCACCTAGGGAA
 ACAGCAGCATCAAGAGACTCAGGAGTCAAGACTGCAACTGGGAAAGCAGCAGAAAACACATGAGCCAGAT
 ATGGTACTGGATCCGAAAGAGAAGCAGAAAACCTCATGACCCAGAAGTGCACCTGGGAAAGCAGCAGCACC
 AGGAGTCTCAGGAGTCAAGACTGCAAGTGGAAAAGAAAACAGCATGAGAAGTCCCCAGAGCCAGAAGTCA
 CCTGGGAAAGCAGCAGGAGTTACATGAGCCTGATATGACAGAGGATCAGAAAAGAGAAGCAGAGTCTTCAT
 GAACCAGAAGTGCACCTGGGAAAGCAGCAGGAGTACATGAGCCTGATATGACAGAGGATCAGAAAAGAGA
 AGCAGAGTCTTTATGAACCAGAAGTGCACCTGGGAAAGCAGCAGGAAACAACAGATAGAGTATGAAGGCTA
 CCAAAGATCAAAAAGTCTGAATCAGTTACTTAAGCAAGAGAAAAGCTTCCAGGGGACAGGAGCTGGATGAC
 TCACATCTAGAACAGGAGAAGGAGCTCTTGACCAGCGATTGGATCAAGAAGTAAATAAGGATGAGC
 AACTGGAAAGAAAAGACAAAATTGGAGAACCTGACACAGAAGGAGAAGCAGATAAAGCAATTAGTACC
 AAGCACTGACAGAGTCCAAGAGACTCAGCCAATCAACCAGTGAAGAAGACTCTCTCACTACAAAAGAAG
 CAGCAGCACAGCCATGAAGTGCAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_022195
- Insert Size:** 1707 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- 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_022195.1](#), [NP_071531.1](#)

RefSeq Size: 1707 bp

RefSeq ORF: 1707 bp

Locus ID: 60583

UniProt ID: [P48998](#)

Cytogenetics: 2q34

Gene Summary: protein of the squamous epithelium [RGD, Feb 2006]