

Product datasheet for **RN214117**

Ruvbl1 (NM_147177) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ruvbl1 (NM_147177) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ruvbl1
Synonyms:	NMP238; Pontin52; Tip49a
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN214117 representing NM_147177
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAGATTGAGGAGGTGAAGAGCACCACGAAGACGCAACGCATTGCCTCCCACAGCCACGTGAAGGGC
 TGGGGCTGGATGAGAGCGCCTGGCCAAGCAGGCGCTTCGGGGCTCGTGGGCCAGGAGAACCGAGAGA
 GGCATGTGGTGTATAGTCGAATTAATCAAAGCAAGAAAATGGCTGGAAGAGCTGTCTTGTGGCAGGG
 CCTCTGGAACGGCAAGACAGCCTTGGCCCTGGCTATTGCTCAGGAACGGGCAGTAAAGTCCCTTTCT
 GCCCGATGGTGGGTAGTGAAGTAACTCAACTGAGATCAAGAAGACAGAGGTGCTGATGGAGAATTCCG
 AAGGGCTATTGGGCTGCGGATAAAGGAGACTAAGGAGTTTATGAAGGGGAGGTGACAGAGCTCACTCCC
 TGTGAGACAGAGAACCCATGGGTGGGTATGGCAAACTATCAGCCACGTGATCATAGGGCTCAAGACTG
 CCAAAGGAACCAACAGCTGAAGCTGGACCCAGTATTTTTGAAAGTTTGCAGAAAGAACGAGTAGAGGC
 TGGAGATGTGATTTACATTGAAGCAAACAGTGGAGCTGTGAAGAGCAAGGCAGGTGTGACACCTATGCC
 ACAGAGTTTGACCTTGAGGCTGAAGAGTATGTCCCTTTGCCAAAGGGAGATGTGCACAAGAAGAAGGAAA
 TCATACAGGATGTGACCTTGACGACTTGGACGTGGCCAATGCGCGGCCCTCAGGGTGGGCAAGATATTCT
 GTCTATGATGGCCAGTTGATGAAGCAAAAAAGACAGAGATCACAGATAAACTTCGAGGGGAGATCAAC
 AAGGTGGTGAACAAATACATTGACCAGGGCGTTGCAGAGCTGGTCCCTGGAGTGTCTTTGTTGACGAGG
 TCCACATGCTGGATATCGAGTGTCTTACCTACCTGCACCGAGCCCTGGAGTCTCCATCGCCCCATTGT
 CATCTTTGCATCCAACCGAGGCAACTGTGTCATCAGGGGCACCGAGGACATCACTTCTCCACACGGCATC
 CCGTTGGACCTGCTGGACCGGTGATGATCATCAGGACCATGCTGTATACGCCACAGGAGATGAAGCAGA
 TCATTAAGATCCGAGCCCAGACGGAAGGCATCAACATCAGTGAGGAGGCCCTAAACCACCTCGGGGAGAT
 TGGCACCAAGACCACGCTGAGGTATTCAGTGCAGCTGCTGACCCCTGCCAACCTGCTGGCCAAGATCAAC
 GGAAGGACAGCATTGAGAAGGAGCACGTGGAGGAGATCAGCGAGCTCTTCTATGACGCCAAGTCTCCG
 CCAAGATTCTGGCCGACCAGCAGGACAAGTACATGAAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_147177

Insert Size: 1371 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_147177.1](#), [NP_671706.1](#)
RefSeq Size: 1587 bp
RefSeq ORF: 1371 bp
Locus ID: 65137
UniProt ID: [P60123](#)
Cytogenetics: 4q34
Gene Summary: nuclear DNA helicase that binds TBP; involved in recombination and transcription [RGD, Feb 2006]