

## Product datasheet for **RN203393**

### **Ruvbl2 (NM\_001025405) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ruvbl2 (NM_001025405) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ruvbl2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN203393 representing NM\_001025405  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCAACCGTGGCAGCCACTACTAAAGTCCCTGAGATCCGAGATGTGACAAGAATCGAGCGAATCGGTG  
 CCACTCCACATCCGGGCCTGGGACTGGATGATGCCCTGGAGCCAAGACAGGCTCCAGGGCATGGT  
 GGGACAGCTAGCTGCCCGCGTGCAGCTGGCGTGGTGGTGGAGATGATCCGAGAAGGGAAGATTGCGGGG  
 CGGGTGTCTTATTGCTGGCCAGCCAGGCACAGGAAGACAGCCATCGCCATGGGCATGGCCAGGCAT  
 TGGGCCCCGACACACCGTTCACAGCCATCGCAGGCAGTGAGATCTTTCTCTGGAGATGAGCAAGACCGA  
 GGCTCTAACACAAGCCTTCGCCGTTCCATTGGTGTCCGTATCAAGGAGGAGACAGAGATCATTGAAGGT  
 GAGGTGGTGGAGATCCAGATTGATCGGCCAGCCACAGGCACGGGATCCAAGGTGGCAAAGTACTGACTCA  
 AGACCAGGAGATGGAGACCATCTACGATCTGGGTACCAAGATGATCGAGTCCCTGACCAAGGACAAGGT  
 CCAGGCCGGGACGTGATCACCATCGACAAGGCCACTGGCAAGATTTCCAAGCTGGCGCCCTCTTTCACA  
 CGTGCCCGAGACTATGATGCCATGGGCTCCAGACCAAGTTTGTGCAAGTCCAGACGGAGAGCTGCAAA  
 AACGCAAGGAGGTGGTGCACACCGTGTCCCTCCATGAGATTGACGTCACTCAACTCCCGCACTCAGGGCTT  
 CTTGGCTCTTCTCAGGAGACACAGGGGAGATCAAGTCAGAAGTCCGAGAACAGATCAATGCCAAGGTG  
 GCAGAGTGGAGGGAGGAGGGCAAAGCGGAGATCATCCCTGGGGTGTGTTTCATCGATGAGGTCCACATGC  
 TGGACATTGAGAGTTTCTTTCTTAAACCGGGCCCTGGAGAGTGACATGGCGCCTGTTCTTATCATGGC  
 CACCAACCGAGGCATCACCCGGATCCGAGGCACAGCTACCAAGTCCCCACGGCATCCCCATTGACCTG  
 CTAGACCGGCTGCTCATTGTGTCAACATCGCCCTACAGTGAGAAGGACACCAACAGATCCTACGTATCC  
 GCTGTGAGGAGGAAGATGTGGAGATGAGTGAGGACGCCTACACAGTGTGACCCGATTGGGCTCGAGAC  
 CTCCTGCGCTACGCCATCCAGCTCATCACAGCGCCAGCCTGGTGTGCCGAAACGAAAGGGCACGGAG  
 GTGCAAGTGGACGACATCAAGCGGTACTCCCTCTTCTGGATGAATCCCGCTCCACACAGTACATGA  
 AGGAATACCAGGACGCCTTCTTCTCAATGAGCTCAAAGGTGAAACAATGGACACCTCT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001025405

**Insert Size:** 1392 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\_001025405.2, NP\_001020576.2

RefSeq Size: 1710 bp  
RefSeq ORF: 1392 bp  
Locus ID: 292907  
Cytogenetics: 1q22