

## Product datasheet for **RN204160**

### **Dyrk1b (NM\_001107496) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Dyrk1b (NM_001107496) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dyrk1b
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**Fully Sequenced ORF:** >RN204160 representing NM\_001107496  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCCGTCACCAGGCCATGGTCCCTTCTCTGGCTTTCGGGGCCCCAGGAACACACAGGTATTGC  
 CTGATGTGCGGCTACTGCCACGGAGACTGCCCTGGCCTTCCGGGATGCGACCTCGGCCCGCTGCGCAA  
 GCTCTCAGTGGACCTCATCAAGACCTACAAGCACATCAATGAGGTATACTATGCGAAGAAGAAGCGCGG  
 GCCAACAGGCGCCACCCAGGACTCGAGCACAAAAAGGAGAAGAAGGTCTGAATCACGGCTATGACG  
 ATGACAACCAGACTACATTGTGCGCAGCGGCGAGCGTGGTAGAGCGCTATGAAATTGACTCTTTAT  
 TGGCAAAGGCTCTTTGGCCAGGTGGTAAAGCCTATGATCACCAGACTCAGGAGCTGGTGGCCATCAAG  
 ATCATCAAGAACAAAAAGCCTTCTGAACCAGGCACAGATTGAGCTGAGGCTGCTGGAGCTGATGAATC  
 AGCATGATACAGAGATGAAGTACTACATAGTACACCTGAAGCGGCACTTCATGTTCCGGAATCACCTGTG  
 CCTGGTGTGGAGCTGCTCCTACAACCTGTACGACCTCCTCCGCAACACACACTTTCGGGGTGTCTCA  
 CTGAACCTGACGAGGAAGCTGGCACAGCAGCTCTGCACAGCCCTGCTCTTCTGGCCACGCTGAGCTCA  
 GCATCATCCACTGCGACCTCAAGCCTGAGAATCCTGCTCTGCAATCCTAAGCGCAGCGCCATCAAGAT  
 TGTGGACTTTCGGCAGCTCCTGCCAGCTTGGCCAGCGGATCTACCAGTATATCCAGAGCCGCTTCTACCGC  
 TCACCAGAGGTGCTCCTGGGTACACCCTATGACCTGGCCATCGACATGTGGTCCCTGGGCTGCATCCTTG  
 TGGAGATGCACACCGGAGAACCCTCTTCAGTGGCTCTAATGAGGTGGACCAGATGAGCCGGATTGTGGA  
 GGTGTTGGGATCCCTCCCGCACCTATGCTGGAACAGGCACCCAAAGCTCGCAAGTACTTTGAGCGGCTG  
 CCTGGGGTGGCTGGACCCTACGAAGGACAAAGGAACCTCAGGAAGGACCTGGTGTGCGCATGCTGGAGT  
 ATGAGCCCGCCCGCCGCATCAGCCCTCTGGGCGCTCTGCAGCATGGCTTCTTCGGCCGACGGCCGACGA  
 GGCCACCAACACGGGCCCGGAGGAGCAGTGCCTCCACCTCGCCGGCGCCCTTGATACCTGCCCTCC  
 TTAGCACCGCCAGCTCCATCTCCAGCTCTGGAGGCTCCAGTGGCTCCTCCAGTGACAACAGGGCTACC  
 GCTACAGCAACCGATATTGTGGGGGCCAGGGCCCCCATCACTGACTGTGAGATGAACAGCCCCCAGGT  
 CCTACCCTCCCAGCCTCTGCGCCCTGGGAGGGGGTGTGTGCCCCACAAGACACATCAAGCCCCATACC  
 TCTGGCTCAACATTGCTGGGACTGGGGCCAGTTACCCCCACAACCCGTTGCCTTGGACGACCCCCAT  
 CACCCACCTCACACCCCCCAGAGCTGATGGATGTGAGCCTGGTGGGAGCCCTCCAGACTGCTCTCC  
 ACCTCATCCAGCACCTGCTCCCCAGCACCCGGTGCCTCAGCCCTCCGGACTCGGATGACGGGAGGTGGA  
 CCACCTCTCCCGCCCTGATGACCCTGCCACTCTGGGCGCTCGTCTGGGCTCCATGGTGTACCCAGA  
 GCACAGCAGCCAGCTCA**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM\_001107496
- Insert Size:** 1770 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\\_001107496.1](#), [NP\\_001100966.1](#)

**RefSeq Size:** 2387 bp

**RefSeq ORF:** 1770 bp

**Locus ID:** 308468

**Cytogenetics:** 1q21