

Product datasheet for **RN214445**

Dyrk2 (NM_001108100) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dyrk2 (NM_001108100) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dyrk2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN214445 representing NM_001108100
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAATGACCACCTCCACATCAGCCACAGCCACGGACAGATCCAGGTTCCAGCAGCTGTTCCGAGGACAACA
 GTAACAAAAGGACAGTGCTCACAACCAACCAATGGGCTTACGACGGTGGGCAAGACGGGCTTGCCTGT
 GGTGCCTGAGCGGCAGCTGGAGAGCATTACAGACGGCAGGGGAGTTCCACCTCTCTGAAGTCCATGGAA
 GGCATGGGGAAGGTAAAAGCCAGCCCCATGACACCTGAACAAGCGATGAAGCAATACATTCAAAAATCA
 CAGCCTTGAACACCACGAGATTTTCAGCTACCCCGAAATCTACTTCTTGGGTCCAAATGCAAAGAAGCG
 CCAAGGCATGACAGGTGGACCAACAATGGCGTTATGATGACGACCAGGGATCATACTGCAGGTGCC
 CACGATACGTGGCTTACAGGTACGAGGTCTCAAAGTCATCGGAAGGGGAGCTTTGGGCAGTGGTCA
 AGGCCTATGACCACAAAGTCCACCAGCAGTGGCCCTGAAGATGGTGCAGAACGAGAAGCGCTTCCACCG
 GCAGGCGGCAGAGGAGATCCGGATCTTGGAAACCTACGGAAGCAGGACAAGACAACACCATGAACGTC
 ATTACATGCTGGAGAATTCACCTTCCGCAACCATATCTGCATGACGTTTCGAGCTGCTGAGCATGAACC
 TCTATGAGCTCATCAAGAAGAATAAGTTCCAAGGCTTCAGCCTGCCTCTGGTGCAGCAAGTTCGCCCACTC
 CATTCTGCAGTGCTTGGATGCTTTGCACAAAACAGAATAATCCACTGTGACCTTAAGCCCGAGAACATT
 TTGTTAAAGCAGCAGGGTCCGAGCAGTATAAAGTGATTGACTTTGGCTCCAGTTGTTATGAGCACCAGC
 GCGTCTACACGTACATCCAGTCGCGCTTTTACCGGGCTCCGGAAGTGATCCTTGGAGCCAGGTATGGCAT
 GCCCATGACATGTGGAGCCTGGGTTGCATCCTCGCGAACTTCTGACGGGTTACCCCTCTTGCCTGGG
 GAGGATGAAGGGGACCAGCTAGCTTGTATGATCGAGCTTTTGGCATGCCCTCTCAAAAATCCTGGATG
 CTTCCAAACGAGCCAAAAATTTCTGTGAGCTTAAGGGTTACCCCGATACTGCACTGTTACAACCTTTTC
 GGATGGCTCTGTGGTACTCAACGGAGGCAGATCCCGGAGAGGAACTGAGGGGTCCGCCAGAGAGCAGA
 GAGTGGGGGAATGCACTGAAGGGATGTGATGATCCTCTTTTCTTGGACTTCTTAAAACAGTGTGGAGT
 GGGATCCCGCGGTCCGAATGACCCCGGACAGGCTCTACGGCACCCGTGGCTTAGGAGGCGTTTGCACAA
 GCCTCCGACCGGGGAGAAGACTGCGGTGAAGAGGGTCACAGAGAGTACTGGTGTATCACCTCCATTTCC
 AAGTTACCTCCACCTTCCAGCTCAGCTTCCAAGCTGAGGACTAATTTGGCACAGATGACAGATGCCAATG
 GGAATATTCAGCAGAGGACAGTGTGCCAAACTCGTTAGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001108100

Insert Size: 1584 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_001108100.1](#), [NP_001101570.1](#)

RefSeq Size: 5705 bp

RefSeq ORF: 1584 bp

Locus ID: 314862

Cytogenetics: 7q22