

Product datasheet for **MC203344**

Dyrk4 (NM_207210) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dyrk4 (NM_207210) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dyrk4
Synonyms:	AW049118; Dyrk4a; Dyrk4b
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC052324
 GGAAGAGGAAGGAGGAGGAGGTAGAAGAGGAGGAGGGTGAAGAGAAGGAGGAGGAACCATTTGAGGAAAA
 AGAGAAAATAACCTGTGAGGAATGACTAAGGCAGGGCTGTTTATGGTGCCCTTCTAAACAAGCTAGGTAG
 CCCAGGGGCAGGGGACCAGGGAACCTGACGCCTGCCTAGAGCCTATGTGCTTTCTTCCAGACTCACA
 GATGAGGACGTCCAAGGCTCAGTCGGAGGTTGAGAGTAAGCCTTTGGGTACCTCCAGAAGCCATCCTCC
 AAGAACAAGAAGCTGAGAGTGAACCGATGTCCACAAAAGATTCCAAGTAACACGGCGTTCCCTTTTGTGG
 ACACAAAGGGGAAGAGGAACACAGTTAACTTCCCCAGATTGGCAACAAAGTCCCATCAAAGGGGCCAT
 GCAGTATCAGGAAAATCAAATTCATAATCAAGTGCATCCTCTGAACTCAAGACTTCAGAAAATACCTTTC
 AACATTAACACCAAAGCCCAAGACACCAAGCCACACCCAGAACTACAAAAGAAGCACAAAGTCCCTCTTA
 CAGTAGCAGAGGCCCTAAAGTTCTTTAAGAATCAGCTGTCCCCTTATGAGCAAAGCGAAATCCTGGGCTA
 CTCAGAGCTGTGGTTCTGGGCTTGAAGCCAAGAAGCTCAACGTGGTTCAGAGAAGTTCAGCAAGACA
 AGCTTTGATGATGAGCACGGTCTATATGAAGTCTGCATGACCACATTGCCTACCGATATGAGGTTC
 TGGAGATGATCGGAAAGGGTCTTTGGACAGGTGGCCAAGTGTGGATCACAAAACAATGAGTTGGT
 GGCCTGAAAATCATCAGGAACAAAAGAGATTCACCATCAGGCTCTGGTGGAGCTGAAGATCCTGGAA
 GCCCTCAGAAGGAAGGACAAAGACAACAACCACAATGTGGTCCACATGAAGGATTTCTTCTACTTCCGGA
 ATCACCTCTGTATCACCTTTGAGCTCCTGGGAATCAACCTGTATGAGTTGATGAAGAACAACAGCTTCA
 TGGCTTCAATCTGTCCATAGTTCGGCGCTTCACTTTTCCATTTTGAAATGCTTACACATGCTTTATGTA
 GAGAAAATCATCCACTGTGACCTCAAGCCGAAAAATTTGTGCTATACCAGAGGGGCCAAGTCACTGTTA
 AAGTTATTGACTTTGGGTCAAGCTGTTATGAACACCAGAAAGTGTATACGTACATCCAAAGTCGTTTCTA
 CCGATCCCCAGAGGTGATTCTGGGACACCCCTATAACATGGCCATTGACATGTGGAGCCTGGGCTGCATC
 ATGGCGGAGCTGTACACCGGATACCCACTGTTCCCTGGGAGAACGAGGTGGAGCAGCTGGCTTGCATCA
 TGGAGGTGCTGGGCTGCCACCTGCCACTTCAACCAGACAGCTCCAGGAGACAGGTATTCTTTGATT
 CAAAGGTCTTCCAAAAATATAAACAACAACAGAGGGGGAAAAAGATACCCAGATTCCAAGGATCTCACG
 ATGGTGGTGAAAACCTACGATTCAGCTTCCCTGGACTTTCTCAGAAGGTGGGAGCCTTCTCTGCGCATGA
 CCCCCGAGCAGGCCCTCAAGCATGCCTGGATTACGAGCCGAGGAAATCAAACACGGCCCAAGCCACA
 GATATTAAGGAAGCCTGGTGCCAGTATTTCTCTGAGATAAGCACGAAAAGGCTGAAGAGCAACAGGCC
 AGCAAAGGCAAAAAGATGAGGCTACCAAAGAACTACAGACAAATTGAAGGACGAAGCTGAGAAGCACC
 TTGAGAATTCGGGCAACAGCAGAGCTCTGTGGAGCACACAGCAGACACCATCCAGCTGCCTCACCTAAC
 AGAAGCTTCTGGAAGTCAGAGACTGTTGCTGGGTGAGAGATGTCCGAGAACAGCAGAGCACCTCCTCC
 CCCAAGAGCACAAACATTTACCACCCATCGTGTGACCCTCGTGGCAGGGGGCATGTCCCCTCCCTTC
 CGCCACCAATTTGTATTAGAGAAGGCATTTGATTGTACAATACTTCACATTGCTTTTTTAAATGCATAAA
 GGTTTGTAAAGAAAATCAA

- Restriction Sites:** RsrII-NotI
- ACCN:** NM_207210
- Insert Size:** 1785 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: [BC052324](#), [AAH52324](#)

RefSeq Size: 2161 bp

RefSeq ORF: 1785 bp

Locus ID: 101320

UniProt ID: [Q8BI55](#)

Cytogenetics: 6 F3

Gene Summary: Possible non-essential role in spermiogenesis.[UniProtKB/Swiss-Prot Function]