

Product datasheet for **MR209245**

Dyrk4 (NM_207210) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dyrk4 (NM_207210) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Dyrk4
Synonyms:	AW049118; Dyrk4a; Dyrk4b
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR209245 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGGACGTCCAAGGCTCAGTCGGAGGTTGAGAGTAAGCCTTTGGGTCACCTCCAGAAGCCATCTCCA
 AGAAACAAGAAGCTGAGAGTGAACCGATGTCACAAAAGATTCCAAGTAACACGGCGTTCCCTTTTGTGGA
 CACAAAGGGGAAGAGGAACACAGTTAATTCCCCAGATTGGCAACAAAGTCCCATCAAAGGGGCCATG
 CAGTATCAGGAAAATCAAATTCATAATCAAGTGTATCCTCTGAACTCAAGACTCAGAAAATACCTTTCA
 ACATTAACACCAAAGCCCAAGACACCAAGCCACACCCAGAACTACAAAAGAAGCACAAAGTCCCTTTAC
 AGTAGCAGAGGCCCTAAAGTTCTTTAAGAATCAGCTGTCCCTTATGAGCAAAGCGAAATCTGGGCTAC
 TCAGAGCTGTGGTTCTGGGCCCTGAAGCCAAGAAGCTCAACGTGGTCCAGAGAAGTTCAGCAAGACAA
 GCTTTGATGATGAGCACGGTTCCTATATGAAGTCTGCATGACCACATTGCCTACCGATATGAGGTTCT
 GGAGATGATCGGAAAGGTCCTTTGGACAGGTGGCCAAGTGTGGATCACAAAACAATGAGTTGGTG
 GCCTGAAAATCATCAGGAACAAAAGAGATTTACCATCAGGCTCTGGTGGAGCTGAAGATCTGGGAA
 CCCTCAGAAGGAAGGACAAAGACAAACACCAATGTGGTCCACATGAAGGATTTCTTCTACTCCGGAA
 TCACCTCTGTATCACCTTTGAGCTCCTGGGAATCAACCTGTATGAGTTGATGAAGAACACAGCTTTTCA
 GGCTTCAATCTGTCCATAGTTCCGGCGCTTACCTTTTCCATTTTGAATGCTTACACATGCTTTATGTAG
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 CGATCCCAGAGGTGATTCTGGGACACCCTATAACATGGCCATTGACATGTGGAGCTGGGCTGCATCA
 TGGCGGAGCTGTACACCCGATACCCACTGTTCCCTGGGAGAACGAGGTGGAGCAGCTGGCTGCATCA
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 TGGTGGTGA AACCTACGATTCCAGCTTCTGGACTTTCTCAGAAGGTGGGAGCCTTCTCTGCGCATGAC
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 ATATTAAGGAAGCCTGGTCCAGTATTTCTCTGAGATAAGCACGGAAAAGGCTGAAGAGCAACAGGCCA
 GCAAAGGCAAAAAGATGAGGCTACCAAAGAACTACAGACAAATGAAGGACGAAGCTGAGAAGCACCT
 TGAGAATTCGGGCAACAGCAGAGCTCTGTGGAGCACACAGCAGACACCATCCAGCTGCCTCACCTAACA
 GAAGCTTCTGAAAGTCAGAGACTGTTGCTGGGTGAGAGATGTCCGCAGAACAGCAGAGCACCTCTCC
 CCAAGAGCACAAACATCTTACCACCATCGTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR209245 protein sequence
 Red=Cloning site Green=Tags(s)

MRTSKAQSEVESKPLGHLQKPSKKNKLRVNRCPQKIPSNTAFPVDTKGRNTVNFQIGNKVPKSGPM
 QYQENQIHNQVLSSELKTSEIPFNINTKAQDTKPHPELQKHKHVPLTVAEALKFFKNQLSPYEQSEILGY
 SELWFLGLEAKKLNVPPEKFSKTSFDDEHGSYMKVLHDHIAARYEVLEMIGKGSFGQVAKCLDHKNNELV
 ALKIIRNKKRFHHQALVELKILEALRRKDKDNNHNVVHMKDFFYFRNHLCTIFELLGINLYELMKNNSFH
 GFNLSIVRRFTFSILKCLHMLYVEKIIHCDLKPENIVL YQRGQVTVKVIDFGSSCYEHQVYTYIQSRFY
 RSPEVILGHPYNMAIDMWSLGCIMAELYTGYPFPGENEVEQLACIMEVGLPPAHTQTASRRQVFFDS
 KGLPKNINNRGKRYPSKDLTMVVKTYDSSFLDFLRWEPRLRMTPEQALKHAWIHEPRKFKPRPKPQ
 ILRKPASISSEISTEKAEQQASKGKDEATKETTDKLDKDEAEKHLNSGKQSSVEHTADTIQLPHLT
 EASGKSETVAGSEMSAEQSTSSPKSTNILPPIV

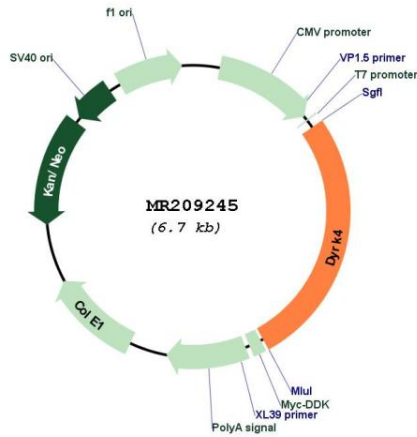
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cytogenetics: 6 F3
 MW: 68.2 kDa
 Gene Summary: Possible non-essential role in spermiogenesis.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR209245