

Product datasheet for **RR208538**

Dmrt3 (NM_001106358) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dmrt3 (NM_001106358) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Dmrt3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RR208538 representing NM_001106358
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAACGGCTACGGCTCCCCCTACCTGTACATGGCGGCCCGGTGTCGCAGCCGCCCGGGCCGCCCTTGC
 AGCGGACGCCAAGTGCAGCGCTGCCGGAACACGGGGTCTATCCTGGCTTAAGGGCCACAAGCGCTA
 CTGTGCGTTCAAGGACTGCACCTGCGAGAAGTGCATCCTGATCATCGAGCGGCAGCGGTGATGGCGGCG
 CAGGTGGCGCTGCGGCGGCAGCAGGCCAACGAGAGCCTGGAGAGCCTCATCCCGACTCGCTGCGGGCTC
 TGCCAGGGCTCCGCCGCGGGGACGCCGCGGCCACCGCGCCACCGCCTCGCAGTCGTCGCCAGCCTC
 CCAGGCGTCCCAGCCGCCGGCGCCCTCGTCCCACCAGATTGGCCGCGGCCGCTGCGCTGCGCTGG
 GTCGCGGAGCCCAGCCGGGACGCTGCCAGCGCAGATTGCTAAGCCAGATTTGACTGAAGACCGACTTG
 GGGACAGCAGTTCAGCAGACAATGCTGCGGAGTCTTCAGTGACAAAGACACCGACCAGAGGAGCTCCCC
 AGATGTGGTCAAAGCAAGAAGTCTTCACTCCGAGAGCCCCGAGATCGTGTCCGTGGATGAAGTGGG
 TACGCCGTGCAGAAAACGGGGCAACCCGAGAGCTGCCCTGACAGCCCCAAGTACCACGCTGAGCAGA
 GCCATCTCCTGATCGAGGGCCCGTCAGGGACCGTCTCTGCCCCTCAGCTTGAAAGCCAACCGGCCACC
 CCTGGAAGTGTGAAGAAAATCTTCCCAACCAGAAGCCCACTGTACTGGAGCTCATCCTGAAAGGCTGC
 GGGGGCGACCTGGTCACTGCCGTGGAGTCTGCTGTCCAGTCGGTCTCCGCGGCTGGGGCGGAGCGGA
 CGGCCGAAGAGAGCCTGGTGTGCCCTCCAGCGGCCATATCTTTGAACACACGCTGGGCTCCTACCTAT
 CTCTTCTCAAGTGGTCCGTGGGCTCTGCCTCCGAGTCCGTGACACCTTACGCTTTCCGCGGACTCC
 AGCAACGTGGTCCCCAACCCCTTGCCGTGCCCTGCAACATCCTTTCCCCAGCCACCCCGGTATCCGC
 TGATGCTGAGGAATACTTTGGCCAGAAACAGTGCAGCCCTTTTGGCCAAATGACGTCAACCTGTGGAA
 TACCATGACACTGCAGCAGCAGTACCAGCTGAGGTCCCAGTATGTCAGTCCATTTCCAGTAACTCCACT
 AGCGTCTTCCGGAGCTCGCCCGTCTCTCTCGCACACAGAAGACCTCGGATCTCTATCCCCGACG
 ATGGGTGTCCAATCGTGGCAAAGCAGTCCATTTACACAGAGGATGACTATGATGAGAGGTCCGACTCCTC
 GGATTCTAGAATACTCAACACGTCATCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR208538 representing NM_001106358
 Red=Cloning site Green=Tags(s)

MNGYGSPYL YMGGPVSQPPRAPLQRTPKCARCRNHGVL SWLKGHKRYCRFKDCTCEKCIL IIERQVMAA
 QVALRRQQANESLES LIPDSL RALPGPPPGDAAATAATASQSSPASQASQPPAPP RPATELAAAAALRW
 VAEPQPGTLPAQIAKPD LTEDRLGDSSADNAAESFSDKDTDQRSSPDVVKSKNCF TPESPEIVSVDEGG
 YAVQKNGGNPESCPD SPKYHAEQSHLLIEGPGTVSLPFLSKANRPPLEVLK KIFPNQKPTVLELILKGC
 GDDLVS AVEVLLSRSSAAGAERTAEESL VLPSSGHIFEHTLGSYPISSSKWSVGS AFRVPDTRLRF SADS
 SNVVPNPLAVPLQH PFPQPPRYPLMLRNTLARNQSSPFLPNDVTLWNTMTLQQYQLRSQYVSPF PPSNST
 SVFRSSPVLSSRTTEDPRISIPDDGCP IYAKQSIYTEDDYDERSDSSDSRILNTSS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

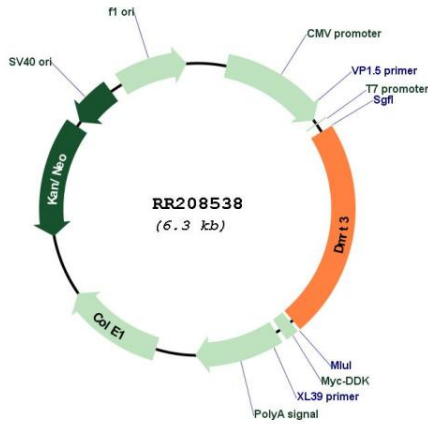
Restriction Sites:

Sgfl-Mlul

MW: 51.4 kDa

Gene Summary: Probable transcription factor that plays a role in configuring the spinal circuits controlling stride in vertebrates. Involved in neuronal specification within a specific subdivision of spinal cord neurons and in the development of a coordinated locomotor network controlling limb movements. May regulate transcription during sexual development (By similarity). [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RR208538