

Product datasheet for **MR226280**

Nr4a2 (NM_013613) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nr4a2 (NM_013613) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Nr4a2
Synonyms:	HZF-3; NOT; Nurr1; RNR-1; TINOR; TINUR
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR226280 representing NM_013613
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGCCTTGTGTTTCAGGCGCAGTATGGTCTCGCCTCAAGGAGCCAGCCCCGCTTCTCAGAGCTACAGTT
 ACCACTCTTCGGGAGAATACAGCTCCGATTTCTTAAGTCCAGAGTTTGTCAAGTTTAGCATGGACCTCAC
 CAACACTGAAATTAAGTCCACCCTTCTCTCCAGCTTCAAGTACCTTTATGGACAACACTACAGCACAGGC
 TACGACGTCAAGCCACCTTGCTTGTACCAATGCCCTGTCCGGACAGCAGTCTCCATTAAGGTAGAAG
 ACATTCAGATGCACAACACTACCAGCAACACAGCCACCTGCCCTCAGTCCGAGGAGATGATGCCACACAG
 CGGGTCGGTTTACTACAAGCCCTTTCGCCCCGACACCCAGCAGCCCCGAGCTTCCAGGTGCAGCATAGC
 CCGATGTGGGACGATCCGGGCTCCCTTCAACTTCCACCAGAAGTACGTGGCCACTACGCATATGATCG
 AGCAGAGGAAGACACCTGTCTCCCGCTGTCACTTCTCTTTAAGCAGTGCAGCCCCGGGCACTCTGT
 GTCTAGCTGCCAGATGCGCTTCGACGGGCTCTGCACGTCCCATGAACCCGGAGCCCGGGGAGCCAC
 CACGTAGTGGATGGGACAGCTTCGCGCTGCCAACCCATTGCAAGCCGGCATCCATGGGCTTCCCGG
 GCCTGCAGATCGCCACGCATCGCAGTTGCTTGACACGCAGGTGCCCTCGCCGCCGCTCCCGGGGCTCC
 CTCCAATGAGGGTCTGTGCGCTGTTTGCAGTGCACAACGCGGCCTGTGACGACTACGGTGTTCGCACTTGT
 GAGGGCTGCAAAGGTTTCTTAAAGCGCACGGTGCAAAAAACGCGAAATATGTGTGTTTAGCAAATAAAA
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 AGAGACACGGGCTCAAGGAACCAAGAGAGTGGAAAGCTACAAAACAAATGTAATTTGCTTAAAGA
 CCATGTGACTTTCAATAATGGGGTTTGAACCGACCAACTACCTGTCTAACTGTTGGGAAGCTGCCA
 GAACTCCGACCCTTTGCACACAGGCTCCAGCGCATTTTCTACCTGAAATTGGAAGACTTGGTACCAC
 CACCAGCAATAATTGACAACTTTCTGGACACCTTACCTTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR226280 representing NM_013613
 Red=Cloning site Green=Tags(s)

MPCVQAQYSSSPQGASPASQSYSHSSGEYSSDFLTPEFVKFSMDLTNTEITATTSLSFSTFMDNYSTG
 YDVKPPCLYQMP LSGQSSIKVEDIQMHNYQQHSHLPPQSEEMPHSGSVYYPKSSPPTSTPSFVQVQHS
 PMWDDPGSLHNFHQYVATTHMIEQRKTPVSRLSLFSFKQSPPGTVPSSCQMRFDGPLHVPMNPEPAGSH
 HVVDGQTFVAVPNPIRKPASMGFPGLQIGHASQLLDTQVPSPPSRGSPSNEGLCAVCGDNAACQHYGVRTC
 EGCKGFFKRTVQKNAKYVCLANKNCPVDKRRRNRRCQYCRFQKCLAVGMVKEVVRTDSLKGRGRPLPSKPK
 SPQDPSPPSPVSLISALVRAHVDSNPAMTSLDYSRFQANPDYQMSGDDTQHIQQFYDLLTGSMEIIRGW
 AEKIPGFADLPKADQDLLFESAFLELFVLRRLAYRSNPVEGKLIFCNGVVLHRLQCVRGFGEWIDSIWEFS
 SNLQNMNIDISAFSCIAALAMVTERHGLKEPKRVEELQNKIVNCLKDHTVFNNGGLNRPNYLSKLLGLPL
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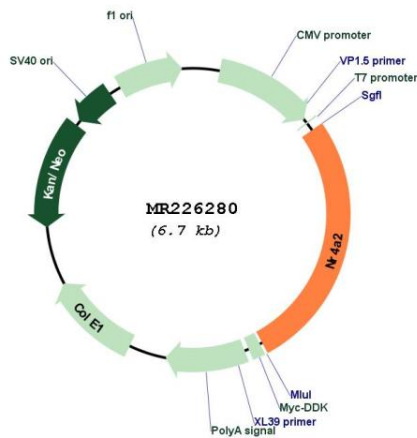
Restriction Sites:

Sgfl-MluI

RefSeq Size: 3172 bp
 RefSeq ORF: 1797 bp
 Locus ID: 18227
 UniProt ID: [Q06219](#)
 Cytogenetics: 2 31.66 cM
 MW: 67 kDa

Gene Summary: Transcriptional regulator which is important for the differentiation and maintenance of mesodiencephalic dopaminergic (mdDA) neurons during development. It is crucial for expression of a set of genes such as SLC6A3, SLC18A2, TH and DRD2 which are essential for development of mdDA neurons.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR226280