

Product datasheet for MR226235

Neo1 (NM_008684) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Neo1 (NM_008684) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Neo1
Synonyms: 2610028H22Rik; A1327052; D930014N22Rik; Igdcc2
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR226235 representing NM_008684
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGGCGGAGCGGAAGCCGGGCGACTCCTCTGCACCTCCTCCTCCCGGCGTGTGTCCGCCACCGC
 CGCTGTGCTGTTGCTGCCGCTGCTGCTGCTCGGACGCCCGGCGTCCGGCGCCGCGCCACGAAGAG
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CGTACACCTGCATCAGACCCTCATGGAGACAATCTCACCTACTCTGTGTTCTACACCAAGGAAGGGGTTG
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ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
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Protein Sequence: >MR226235 representing NM_008684
 Red=Cloning site Green=Tags(s)

MAAEREAGRLCTSSRRCCPPPLLLLLPLLLLLGRPASGAAATKSGSPPQSAGASVRTFTPFYFLVEP
 VDTLSVRGSSVILNCSAYSESPNIEWKDGTFNLNLESDRRQLLPDGSFLISNVVHSHKHNKPDEGFYQC
 VATVDNLGTIVSRATKLVAGLPRFTSQPEPSSVYVGNAILNCEVNADLVFVRWEQNRQPLLLDDRIV
 KLPSTGLVINSNATEGDGLYRCIVESGGPPKFSDEAELKVLQDPEEIVDLVFLMRPSSMMKVTGQSAVLP
 CVVSGLPAPVVRWKNEEVLDTESSGRLVLLAGGCLIEISDVTEDDAGTYFCIADNGNKTVEAQAELTVQV
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 VETQPEVQLPGPAPNIRAYATSPTSITVTWETPLSGNGEIQNYKLYMEKGTDKQDIDVSSHYSYINGL
 KKYTEYSFRVVAYNKHGPGVSTQDVAVRTLSDVPSAAPQNL SLEVRNSKSIIVHWQPPSSTTQNGQITGY
 KIRYRKASRKSDVTETLVTGTQLSQLIEGLDRGTEYNFRVAAL TVNGTGPATDWLSAETFESDLDETRVP
 EVPSSLHVRPLVTSIVVSWTPPENQNIIVRGYAIGYGIGSPHAQTIKVDYKQRYTYIENLDPSSHYVITL
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 PKHQKITDSRYTYVRWKTNIPANTKYKNANATLSYLVTGLKPNTLYEFSVMVTKGRRSSTWSMTAHGAT
 FELVPTSPPKDVTVVSKEGKPRTIIVNWQPPSEANGKITGYIIYSTDVNAEIHWDVIEPVVGNRLTHQI
 QELTLDTPYYFKIQARNKSGMGPMSAVQFRTPKADSSDKMPNDQALGSAGKGSRLPDLGSDYKPPMSG
 NSPHGSPTSPLDSNMLLVIIVSVGVITIVVVVIAVFCTRRTTSHQKKRAACKSVNGSHYKGNCKDVK
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 TESVRNTPSTDTMPASSSQTCCTDHQDPEGATSSSYLASSQEEDSGQSLPTAHVRPSHPLKSFVPAIPP
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 ELTKEMAHLEGLMKDLNAITTA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9001_b04.zip

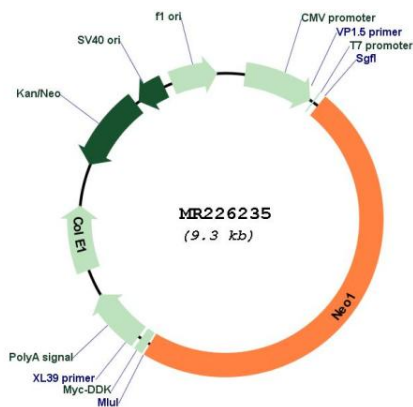
Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_008684

ORF Size:	4476 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	<ol style="list-style-type: none"> 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_008684.2 , NP_032710.2
RefSeq Size:	7388 bp
RefSeq ORF:	4479 bp
Locus ID:	18007
Cytogenetics:	9 B
MW:	163.4 kDa

Product images:


Circular map for MR226235