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Product datasheet for MC224553

Neo1 (NM_008684) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Neo1 (NM_008684) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Neo1
Synonyms:	2610028H22Rik; AI327052; D930014N22Rik; Igdcc2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

>MC224553 representing NM_008684
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCGGCGGAGCGCGAAGCCGGGCGACTCCTCTGCACCTCCTCCTCCCGGCGCTGCTGTCCGCCACCGC
CGCTGCTGCTGTTGCTGCCGCTGCTGCTGCTGCTCGGACGCCCGGCGTCCGGCGCCGCGGCCACGAAGAG
CGGCTCCCCGCCGCAGTCCGCAGGAGCCAGTGTTCGAACATTCACTCCGTTTTATTTTCTGGTGGAGCCA
GTAGACACCCTCTCAGTTAGAGGCTCTTCTGTTATATTAAATTGCTCGGCATATTCTGAGCCCTCTCCAA
ACATTGAATGGAAGAAAGATGGGACTTTTTTAAACTTAGAATCAGATGATCGACGCCAGCTACTCCCAGA
TGGATCTTTATTCATCAGCAACGTGGTGCATTCCAAACACAATAAGCCTGACGAAGGTTTCTATCAGTGT
GTAGCCACTGTGGATAATCTTGGAACCATTGTCAGCAGAACAGCCAAGCTCACAGTAGCAGGTCTTCCAA
GATTTACCAGCCAACCAGAACCTTCTTCAGTCTATGTTGGAAACAGTGCAATTCTGAATTGTGAAGTTAA
TGCAGATTTGGTCCCATTTGTTAGGTGGGAACAGAATCGACAGCCCCTTCTTCTAGATGACAGGATTGTC
AAACTTCCAAGTGGAACACTGGTTATCAGCAATGCTACTGAAGGAGATGGGGGACTCTACCGCTGCATTG
TTGAAAGTGGTGGGCCACCAAAGTTTAGTGACGAAGCTGAATTGAAAGTTCTTCAAGATCCTGAGGAAAT
TGTAGACTTGGTATTTCTGATGCGACCATCTTCTATGATGAAAGTCACTGGTCAGAGTGCAGTGTTGCCA
TGTGTTGTCTCAGGGCTTCCTGCTCCAGTTGTTAGATGGATGAAAAACGAAGAAGTGCTTGACACAGAAA
GCTCTGGCAGGTTGGTCTTGCTAGCAGGAGGTTGCTTGGAGATCAGTGATGTCACTGAGGATGATGCTGG
GACTTATTTTTGCATAGCTGATAATGGAAATAAGACAGTTGAAGCTCAGGCGGAGCTTACTGTGCAAGTG
CCACCTGGATTCCTGAAACAACCTGCTAACATATATGCTCACGAATCCATGGACATTGTATTTGAATGTG
AAGTCACTGGGAAGCCAACTCCAACTGTGAAGTGGGTCAAGAATGGGGATGTGGTTATCCCCAGTGATTA
CTTTAAAATTGTAAAGGAACATAATCTTCAAGTTTTGGGTCTGGTGAAATCAGATGAAGGGTTCTATCAA
TGCATTGCTGAGAATGATGTTGGAAATGCACAAGCTGGAGCCCAGCTGATAATCCTTGAGCATGATGTTG
CCATCCCAACATTACCTCCCACTTCACTGACCAGTGCCACTACTGACCATCTAGCACCAGCCACAACGGG
ACCATTACCTTCAGCTCCTCGAGACGTCGTGGCCTCCCTGGTCTCTACTCGCTTCATTAAATTGACATGG

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CGTACACCTGCATCAGACCCTCATGGAGACAATCTCACCTACTCTGTGTTCTACACCAAGGAAGGGGTTG
CTAGGGAGCGTGTTGAGAATACCAGCCAGCCAGGAGAGATGCAGGTGACTATTCAAAACTTGATGCCAGC
AACTGTGTACATCTTCAAAGTTATGGCTCAAAATAAGCATGGCTCTGGAGAAAGTTCAGCTCCTCTTCGA
GTAGAGACACAGCCTGAGGTTCAGCTCCCTGGCCCAGCACCTAATATCCGTGCTTATGCAACGTCACCTA
CTTCTATCACTGTCACCTGGGAAACACCGTTATCTGGCAATGGGGAAATTCAAAATTACAAATTGTACTA
CATGGAAAAAGGAACTGATAAAGAACAGGATATTGATGTTTCAAGTCACTCCTACACCATTAATGGACTG
AAGAAATACACAGAATACAGTTTCCGAGTGGTGGCCTACAATAAACATGGTCCTGGAGTTTCTACACAAG
ATGTTGCTGTTCGAACATTATCAGATGTTCCCAGTGCTGCTCCTCAGAATCTGTCCTTAGAAGTGAGAAA
TTCAAAGAGTATAGTGATCCACTGGCAGCCCCCTTCCTCAACCACACAAAATGGGCAGATAACTGGCTAC
AAGATTCGATATCGAAAGGCCTCCCGAAAAAGTGATGTCACTGAGACCTTGGTAACTGGGACACAGCTGT
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TACAGGTCCAGCAACTGATTGGCTGTCTGCTGAAACTTTTGAAAGCGACCTAGATGAAACTCGTGTTCCT
GAAGTGCCCAGCTCTCTTCATGTCCGTCCGCTCGTCACTAGCATTGTAGTGAGCTGGACTCCTCCAGAGA
ACCAGAACATTGTGGTCCGAGGTTATGCCATCGGTTACGGCATTGGCAGCCCTCATGCCCAGACCATCAA
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AAAGCATTTAACAATGTTGGCGAAGGCATCCCCCTTTATGAGAGTGCTGTGACCAGACCTCACACAGACA
CTTCTGAAGTTGATTTATTTGTTATTAATGCTCCATACACTCCAGTGCCAGATCCCACTCCCATGATGCC
ACCAGTGGGAGTTCAGGCTTCCATTCTGAGTCACGACACCATAAGGATTACCTGGGCAGACAACTCCCTG
CCCAAACACCAGAAGATTACAGACTCCCGCTACTACACAGTCCGGTGGAAGACCAACATCCCAGCAAACA
CGAAGTACAAGAATGCAAATGCAACGACGTTAAGCTATTTGGTTACTGGTTTAAAGCCAAATACGCTCTA
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TTTGAATTAGTTCCTACTTCTCCACCTAAGGATGTGACAGTTGTGAGTAAGGAAGGAAAACCTAGAACCA
TCATAGTGAATTGGCAGCCTCCCTCTGAAGCTAACGGCAAGATTACAGGTTACATCATCTATTACAGCAC
GGATGTGAATGCAGAGATACATGACTGGGTTATTGAACCAGTTGTGGGAAACAGACTGACTCACCAGATT
CAAGAGTTAACACTTGATACGCCATACTACTTCAAAATCCAGGCCCGGAACTCAAAGGGCATGGGGCCCA
TGTCTGAAGCTGTACAGTTCAGAACACCTAAAGCGGACTCCTCTGATAAAATGCCTAATGACCAAGCCTT
AGGGTCAGCAGGAAAAGGAAGCCGACTACCAGACCTGGGATCTGACTACAAACCTCCAATGAGTGGCAGC
AACAGCCCTCACGGGAGCCCCACCTCCCCTCTGGACAGCAACATGCTGCTGGTCATCATTGTCTCTGTTG
GCGTCATCACTATCGTGGTGGTTGTGGTCATTGCTGTCTTTTGTACCCGGCGCACCACCTCTCACCAGAA
GAAGAAACGAGCTGCGTGCAAATCAGTGAATGGCTCCCATAAGTACAAGGGCAATTGCAAAGATGTGAAG
CCTCCAGACCTATGGATCCATCACGAGAGACTAGAGTTGAAGCCTATTGACAAGTCTCCAGATCCTAACC
CTGTCATGACTGATACTCCAATCCCTCGAAACTCTCAAGATATCACACCAGTGGACAATTCCATGGATAG
CAATATCCATCAAAGGCGGAATTCATACAGAGGGCATGAGTCAGAGGACAGCATGTCTACACTGGCTGGA
AGGAGGGGAATGAGACCAAAAATGATGATGCCCTTTGACTCTCAGCCACCTCAGCCTGTGATTAGTGCCC
ATCCCATCCATTCCCTCGATAACCCTCACCATCATTTCCACTCCAGCAGCCTCGCTTCTCCAGCCCGCAG
TCATCTCTACCACCCAAGCAGCCCATGGCCCATTGGCACATCCATGTCCCTTTCAGACAGGGCCAATTCC
ACAGAATCTGTTCGAAATACCCCCAGCACGGACACCATGCCAGCGTCCTCGTCTCAGACGTGCTGCACTG
ACCATCAGGACCCTGAGGGTGCTACTAGCTCCTCTTACTTGGCCAGCTCCCAAGAGGAAGACTCAGGCCA
GAGTCTTCCCACAGCCCATGTCCGCCCTTCCCACCCTCTGAAGAGCTTCGCTGTGCCAGCAATCCCACCC
CCAGGACCTCCTCTCTATGATCCTGCACTGCCAAGCACACCATTACTGTCCCAGCAAGCTCTGAACCATC
ACATTCACTCAGTGAAAACAGCCTCCATCGGGACGTTAGGAAGGAGCCGGCCTCCTATGCCAGTGGTTGT
TCCGAGTGCCCCTGAAGTACAGGAGACCACCAGGATGCTGGAAGACTCCGAGAGTAGCTATGAACCAGAT
GAGCTGACCAAAGAGATGGCCCACCTGGAAGGACTAATGAAGGACCTAAATGCCATCACAACAGCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_008684

Insert Size: 4479 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:	NM_008684.2, NP_032710.2
RefSeq Size:	7388 bp
RefSeq ORF:	4479 bp
Locus ID:	18007
Cytogenetics:	9 B