

Product datasheet for MC224649

Nwd1 (NM_176940) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nwd1 (NM_176940) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nwd1
Synonyms:	A230063L24Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC224649 representing NM_176940 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGACACAGAGCGAGAAGCCCTGCAGTGCACAGCCTACCCTGAGGTTTCAGAGCTTCTGCCAAAGGCACG
GCTTGGCGTTTGAGGTGGTTGATCTGAGGTGGGTATTCCGAATACGCAGGCCACTGACTACCTGACCAC
GGAACCTGCTTAGAAGAACTGGAGCGCTGCAGAAAACATCCATAGGACCAGCTTTTGTGGCCCTCCTG
GGTGACCAGTACGGCCCTGCCCGTTCGCCGGAGGATTGAGGAAAAGGAGTGGGAGGCACTAAGAGCTC
AGCTGACCTCCAGGCCTCGAGATCTGGAGCTGGTACCAGACATTTCCAGAGAGACGACAACACCATTCC
TCCAACCTACGCTTTCAGCCTTCAGGCTCACTGGTGGTCCCAGGGCCTGAGGAGGCCACCTTAACCTCT
GTCCTGAGAGGTGGAGCCAGGAGGCCTGGAGGCTAGGCCTCATCAGCCAGGAGCAATGGATGTGCTATC
ACCGATCAGTTATTGAGTGGGAGATCGAGCTTGGCCTACTGAGCTCAGCAAGAGGGGACCAGGGAGCTAC
CGTCTTCTGAGAGATGTACAGGACCTCAATAACACATCTTGGATGATTGCTCTCTGAAGATGGTGGAT
CGGCTGGTAGATGGCTGCCTGGATACCAATGCCAGAGTCTTCTCAGTGGTCTTAAAGGGCGCATACTAG
ATGCTCAGCCTGGAGCCCTAAAGTCCCACCACCTGTCTGGAGCCGAGACCTGGTCAACCCCAAGAACA
GGCTCACGCTCGTTACCTAAAGCAGTTGAGCGAGCAGTTCGTGGCCAGGACCAACCATCAGGTCTGGAG
CAGCTTCGAGAGCTGGAGTTGGCCAGACAGGAGCTGGGTGGCTTACCAAGAGATCCGCCACCACCTCT
GGCAGAGCACAGAGTCTACCAAGGTCTTCTGCGGCCACCAGGAGCTCCTGGCCAGCTCAGGCAGCAGCT
CAGACAGGATGAGAGCCGGACACATACTCCCTTGGTTCTTTGGACCACCAGGCATCGGAAGACCTCT
CTCATGTGCAAGCTAGCCAGCAGGTACCAGAGCTACTTGGCCACAAGACAGTGGTTGCTCCTGAGGCTGC
TAGGGACATCAAAGCTGAGCCTGGATGCCCGCAGCCTCCTCAGGAGCCTGTCTTCCAAGTGTGCTTGGC
ATATGGGCTGCCACTGCCCCAGCCAGGTCTGGAGGCCACAGCAGGGTGGCCATTTCTTCCATACT
CTCTCCACACCGTGTACAGAGGAACCTTGTAGTCCCTGGTGTGCTCCTGGACTCCGTGGATGACCTGG
ACTCCATATGCCATTCTCCGAGGCTCTTGGCTGCCCTCAAGTGTCTTCCAAGGGTGCACCTCATCCT
CTCTACATGCTCAGGCCAGCAGGTTTTACATAACCTGCAACAGACCCCAAGGACCCAGCACCTACTGG
GAGGTGAAGGCCCTGTCTGGAAGTCAAGGCCAGGATTCATACAGCTGCTGCTGGCTGCAGAGAAGAGGA



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TGCTGAGCCCGGGTCAGAGAGATGTCCTCTGGGCCAGCCTCCCAGAGTGTGGCCACCCAGGGAGGCTAAG
 GCTGGCCTTTGAGGAGGCCCGGAAGTGGGCCTCCTTCACTGTGCCAGTGCCTTGGCCACTACAGCAGAG
 GAAGCCACACACCAGCTCTGTATACGCCTGGAGGAGACACATGGGGCACTGCTGGTGGCTCATGTA
 GCTATATTGTGTCTTCCAGGTACGGTCTCTCAGAAGCAGAGCTGAAGGATGTGTTGTCTTTGGATGATGA
 AGTCTTGACAGGCTGTGTACCGGGACTGGACGCCACCTAGCAAAGAGCTGCTGCGCTTCCCGCCCTGCTG
 TGGGTGCGGCTCCGCCGGGACCTGGGACACTGCCTAGTCAGGAGGCCCGTGGATGGCTGATGCTACTG
 CCATTGCACACAGACAGCTGTCCCAGGTAATCCAAGTTCGATATCTGTCTGGCCCTGAGAGAGCCAAGAG
 GCATGGCGTGCTAGCTGAATTCTTCTCTGGAGCCTGGAGCCAGGGGATCAAGAAACTTATACCCTGCCG
 CTTGTAGGGAAGCCCTGAACCTGGACCGCAAGGTGGCCCCACAGCCACTGTGGTTCTCAAGCACAGTGG
 CCAACCTGAGGAAGCTGACCGAACTGCCCTTCCATCTGCTGCATGCAGGCCGCTTGGAGGAGTTGAAGCA
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 GATTTTGACATGTGTGCCCTCACATGAACTCTCCTGAGGTTGATCTGGTTAGAGAAGCCATCCAGCTGT
 GTGGCCCTGCTGTGGAGCTCCGGGGCTGGAGAAGAGCGTCTATACCCGAGCTCCTGGCCAGACTCCT
 TTTCTTTGCTGCATCACATCCAGCAATGATCGGACAACCTGTGCCAACAAGCCAGAGCTGGTTCCGTGCC
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 TTAAGGGTGTCAAAAGGCATACCCGCAATAGCATGGAGCCTGGAGGAGAACTCCTGGTGGTGGGCAC
 CCAGGATGGTGCCATGGTCGTGGGACGTGGAGGAACAACAGGTGGTACACGTTCTAATGGGACACACA
 GCTGAAGTGAAGTGTGTGCGAGTGTGGCCAAAGGGACTCTTGCCATCTCTGCATCAAAGGACCATACCC
 TGCGTCTGTGGAGTCTGCTTCCGGCCAGGAGAAAGTCAACATTTGGATGGAGGGTCAAAAATCCAC
 AGAGCCCCAGAGTTGGGACCTTCATGTGGATGAGAGAAACAATGTTGTATACTCGACATCTGGTGAAGG
 ATCAACATGTGGAATCTGGAACTTCGAAGCTGGTTTTCTGTATCACAGGAGATGTGTCTGATCCCTGGG
 TCTGTGTGGCTTGTGGCTGCCAGGGTTTGTGCTTGCCTGCCAAGGGTGGCCAGGTGAGTCACTGTG
 GAGCTCAGCCATGGGAAAACCTGCAGGAGAAACACCAAGTATCCAGCATCAAAGAAGAGACACCCACTGT
 GCCGTCTCCATCCAGTCCCGGGCAAGGCTGGTCGCTGGCTTCCAGCAGTGGCTCCATTGCCCTGGTCTCCG
 CTGGAGAAGACAGGCTGCTGGAGAAGCTCCCAGAAGCTGTGGGGTTCTGGTGGTTTCTGAAGACGATTC
 CCTTCTGTGGCAGGCTTGGAAAGATTTGTGCGGATTTTCTTGGCTGACTCGCAAGGCTTCCACCGGTT
 ATGGCTTCGGATCTGGAACACGAGGACATGGTGGAGACAGCAGTCTGGGTCCTGAGAACAATCTGATCA
 TCACAGGGTCCCGGATGCACTTATCCAGGTCTGGGATCTCAAGTCCACTAAGAAGCTGCAGTCTCCGAC
 TCCATTTCTGGACCGCACCGCCTCGTGCAGTGTCCACCATGGCAGCTTGTCTACTTCCCTAAGGTT
 GGGGACAAAACAAGTCACAATTTGGGACTTGGCAGAAGGTGAGGAGCAAGATTGCCTGGACACGTCCA
 ATGAGGTCGGCTGTCTGGAGGTGGCCGAGCAGGCAAGCTCCTCTCACAGGCCTGGTTTCTGGGATCGT
 GCTTGTGTTCCCTGAATTCAGGCAAGATGACTGTGCATCCCCCACCTGAGGCACGCAAGCTGTC
 AACTGCATGTCCCTGAGCAAGAGTGAGAATCGTCTGGCCATTGCCTATGACAACATTGCTCTGGTGTG
 ACATCAGCCCTGGGACCCATGTCCGGCCATTGAAGGCCCCACCTACACCTTTTACACCCAGCTGCCTGA
 GACCATAGTGAGTGTGGCTGTCTGGCTGACTATCGTGTGGTCTACGGCATGAGCGATGGCAGCCTTTC
 CTGTACGACTGTGCATGCTCTAAAGTGTCCCTCTGGAGGCCATGGGAGCAGGGTGAAGTGTGTAGAGG
 TCAGCCACAGTGAGCAGCTAGCAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAG
 TTGCAGGGGATGTTGAGATGAGCTATGAGAATCCTGCTGCAGAGGGGTGCGGTGTGCCTGCTTCTCC
 CTCTTTGGCTGTCCAGTTTGTTCATGCTGTGATCAACCGAATCATCCCTACCTCAATGGCTTCAATGGC
 CCCCACAAGCCACGGCTATCTATCCGTGAGCGCTTCCAGTGCCCGTCAGTCAGAGCCTCCAGCAAGAC
 CCTCTCAAGAACTTCAAGAAGGCAGTGTGGCTGGTAAAGACCAGGCAGAGGGAAGAGCTGGCTGCAGCAG
 AAGCCTCCAGGATGCAGAACCAGTGGCCGTAGAGGGAAGGAATCAAAGTCAAATAAACGCTCACAGGT
 CTGCCTCATACTGA

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_176940
 Insert Size: 4566 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:	<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:	<u>NM_176940.5</u> , <u>NP_795914.3</u>
RefSeq Size:	7732 bp
RefSeq ORF:	4566 bp
Locus ID:	319555
Cytogenetics:	8 B3.3
Gene Summary:	May play a role in the control of androgen receptor (AR) protein steady-state levels. [UniProtKB/Swiss-Prot Function]