

Product datasheet for MC224896

Nwd2 (NM_177006) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Nwd2 (NM_177006) Mouse Untagged Clone
Tag: Tag Free
Symbol: Nwd2
Synonyms: 3110047P20Rik; B830017A01Rik; Hn1-ps2; mKIAA1239
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC224896 representing NM_177006
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTGGCCGGCCGGTGCGGGCACCAAGCTGCCCTGTCCCCGGACTCCGCGCTCCGGCGGGCGGCTTCT
 CTGGTAATCTCACCGCCCTTCTTCTCACCTGGTACCCGCGGTGCAGCGTCCGGTCTTCATCAGCGC
 CAACCCGAAGATACAGGAGCGGAACGGCAGGCACTAAGAGAACTGTGTATCCGAAACTGAGAGAATTC
 TGCAGAGAAAATATGGGTTGGAATTTCAAGTCAATAGATCTGTACTGGGAATTGAGGAAGATGAATGGG
 ACAGCCCCGAAGTGCAGAAGATGCGCATGAAGCTGCTGGAGGAATGCTTGAAGAACTTCTGCAAGTCCATG
 CTTTGTGGCCTTAGGTGAAAAATAGGGAACATTCGAATCCCTGGGGAAGTAGAAGCTTTCAGAGTTT
 GAAATGATTTGGATGCTGCTGTGCGAGGCAAAATAGAGACCAAGTACTGGAAGATTGGTACTGTCCGG
 ATGAGAACTCTGTGCCAGCAGCCTATTACCTCAGACCCAGGCTGGAGGTGCCAAGAAGCAACAAAACTC
 AACACAGCCTTCTGCCAGTAGTGAACAGGAGAGGCCATGGCAAGAAATATCGGATGAAATCAAAACGATA
 TTTAAAGCTGCTGCAAACTGCTGCATGAACAGGGGAAAAATGAAGCAAGTCAGGCTAAGAGGTACCTGT
 TCTCAGTATCGAGGATGAGTTTGACTTTGCTTAGGCAAGCAAACTCCAGCCTTCTGAAAGAAGTGTGT
 TTGCTACATCAGAAAGATTGCTAACATCGAACGCTTCGTGAAAAATCCAGAGATGGGAAAAATACATGGAC
 ATAACCGGAACAGACCCAAGAATCGTCCGTGACCCAGAAGCTCAAGAGAAGCTGATAAAACTCAGGGATG
 AATTCATTCTACCATTGTTGCATCCTCTAATTTGAGAGTGACACATCTGTCACTCACTGTGACATGAA
 ACTGGGCTATTCCCAAGAGATAGAAAACCATACATAGAAGGACTTGGTAAGCAATTTTATGAAGACATG
 ATTGATATAATTCAGGCAACAGTACAGCAGAATTTGACACGGAGACTGATACGCTGTACGATGAAATCC
 TGCAGCACTCCTCACTGTGTAACACATATGCCTCCTTCTATGAATACAAATGTGAATCACTAAACATCTT
 GCATAAATACATCCTTCCAAGCAAAACCGGCATATCAACCTCTCGTTGTGTATGGGGACCATGCACT
 GGAAGACTCTACTGCTAGCTGAAGTAGCAAAAAAGGCTTATGGCTGGCTACATGAAGACACAGGGCCAG
 ACTCTGACCCAGTTGTCATTGTGAGATTCTAGGAACAACAGACATGAGTATTGATCTGAGGACACTTCT
 TCTAAGTGTCTGTGAACAGCTGGCCGCTCAACTACCGGTGTCTGGTTCAAAGCTTTCTAAGAAGATCCAC
 GACCTTCGTGACTTGTATAAACCTGTTGAATGAGTCTTCACTGCAGAGACCTCTGGAATCATATTGG



[View online »](#)

ATGCCCTAGAGCAGCTCTCGGAGCCGACGAAGCTAGGAAGCTCTGGTGGCTGCCCGCTCATCTCCCCG
GTTTGTGCGGATCATCTCTCCACTGCCTAACAAACATGGGATCCTGCAGAACTCCGGTGCCTTATC
CATGAAGAAGACAACATACATTGAGCTGATTCGCCGGGACAGAAAGATGTGCAGTCAGGTCCTCAAACATC
AGCTGCTGAGGGTCAAAGGAAGGTCACGTCCGGCCAGCAGATTTATGTAATAATGCATTCTCAAAGTG
CACACTGCCTATGTTTGTGAACCTAACTTTCAGAGAGGTGAGACACTGGAGATCTCACAAGGATGTCGAT
GAGTCTCCCTCTGTGTGACTGTCCACGAAAGCATAGAGCAGTTATTCTGGTCTTGAGAAAGAAAGTGTG
GCAAAAACCTGGTCCAGGGCTCTGGTTACATCACCATGGCCAAAATGGGTTTGAGTGAATGGAAT
GGAAGATGATTAGCTCTGGACAACAGCGTTATGAATGAACTCAATGAGAACACCAGACCCAGCAATCCC
CTGAGAGTACCTTACCTGTATATTGCAAGGCTCAAGGAGGGTCTCAATGGTACTTAATAGAAAAGACATG
TGAAGAATGTCACACTCTTAGTCTGGGCCAACAGACACCTGCAGCTCATAGCTCAGAAGCTGTACCTGCA
AGAAGACAGCAACCTTCGAGAGATGCACACAATCCTGGCAGATTACTTTCTAGGGGTGTGGTCCGGAGGC
AGGAGGAAAGCTTTCTGCCTGGAAGACCCCTACTTGAATGGTGCCTCGACTTAGAGAACAGAAGTCTGC
TTGAGGAAGAAAAGCACTTCATGGAACAAGCATCCTTCGACAGGCAGGCCCCCGACCAGCCCTGGTTTT
CCAGTGTAAACCCACTAGAGCCCACATCTTTTTGTCAATCACCGGAAGATGTCTGAGCTCTGTATCAT
CTGACCAGGTGTGGAAAACCGATGACCTCTTTATGGAATCATCATGAACTTCAGTGGCTTTACACCA
TGATCAAAATGGCCAGTTTGACAAAGTCTTGGCGACATAGAAGTGGCTTACAACCTACTCGCAGGAAAA
GGAGCTGAAGTTCCTGGCCAGCACACTCCGTAGCATCAGAAAACAGGTCATTGCATTCCCAGGTTCCCTT
TCAGCAGAGCTGCAGCAAAGGCTGCTGCCTGTTGTGAGTTCCTGCCAAAACCTCAGACACCTCTTTTAG
AATGTGACAAAGACGGACCCAAACTACTGCTCCATCGTTCCTCTCCATTCCATGGATGTGACATACAG
CCCCGAGCGCCTCCCCTTAGCATCCAGCCACCTGCACGTACAGAGATCTCCCCACCTGTAAACCCAGC
ACTGTTCTCACAGCTCTGGAAAATGGTTCATCAGCACCTGGGATGTAGAAAACCTGCCAGCTCTCCGGC
AAACTACTACAGCCAGTCCGTTATCCTGGCATGAAGCTGAGCAGTGTAGAGAAGTACCTGTGGTTGC
TACGAAAACAACACCTTGTGATTTACGACAATGTCAATTCTGTCTCCTGTCTGAGTGGAAAACAAA
GGACCAAAGCATGGAAGCGGCTCCACCTACATCAATGGATTTACACTCTCGGTCAATCATGCCCTTGCGT
GGCTAGAGGCCAGCAAAGATGTCACTGTATTGACCTGCTCTATGGATGGCCCTTTACCAGTTCACCTG
CTGGTATGAGGTGACATGTGTCCAGTGCTCCCTGGATGGGGTATATGCTTTCTGTGGCCAATACCTCAAT
AACACCACCATTTTCCACTTAGGGAGTGGAGAAAAAATATGTACCGTGACGTGAGAAATTTCCAGTGGCT
TTGTGAAGTTTCTCTCATCTTGGACACAGCTCAAGAGATGGTCAATGGTAGACAGTGAAGGAAAGTCTC
GGTTTGGAAACCCGAGGACATATCCAACCCCGAGTACTGAAGACTTTGACTGTCGGAAGGAAGACAGC
GAAGTGGTGAAGCATTGAGCTTTCCGAAGACCAAAGTGCATTCTGATCTGTAAGCTCTCAGCATTGAGC
TCTTAGACACCGCATGTGGAAGTAGCTGAAAAATCCGAGCCAGGCACAACGAACGCTTTGTATCTGC
CGTGCTATCCAAAACCGGGGACTGTATCATCGCAACCATGGAGAATACCCAGCGGTATTCTTCTGGAGG
CGGGACACAGGACAGTGCCTGGCGAGCTTGCAAGAAAGCTCGGGTACCATCGTTAAGTTGGTAAAATCCA
GTCACCACAATATGCTACTGTCTTTGTCAACCAAGTGGCGTTCTTTCCATTTGGGATATAGACATAATCAC
AGCTATGTCCAATATCGATAAACTGGAAAACCCATTAGAGTCTGGTGTGCGGCCAGGGGGGAGATC
ATCTACTCTCTCGATGGTCCGATTGTGTACATAAATGGAACCTCAGCAGTGGGTTTCAATGAAGCAGTAT
TTAAGCATGAAGGGATAGTGAACACTGTGTGTTAACGTCCACTGGGGACCTAATGGTGAAGTGAAGTGA
CAAAAGCAGCCAGTACGTCTGGCATAACAGCAGTGGGGAAAACCTTCCGAATTAACGGGCAGAGGATC
TCTCAGTGTGATCACCCACAACGACCACTTTGTGGTCTCTCTGTGAGGAGAAGCCTCCAGGTTT
GGAGGCTGGCCACAGCCACAGAGTCTGCAACATCTTGACCACTTTGCAAAATGCCTTCATTACCTCTGC
AAACACCTTCGTGGTGGGAATGACGAAAAGCAAAGTGTGGCAGTCAGTCTCTGGACCGGAAGTATCACC
AAGAAATCTGCTGTGAGGATGGGATCACCATTGTGAATTTCAAGTTGATCCCGACTGTCTGACGTCA
TCGTGTTTATCACGTGAGCCGAGACCGTGAACCTCTGGAGCCTGACTGATGAAGTATTTGTGCGGTGT
GCAGCTTCCAAGCAACTTCTGAAAACCTGGAGGATTTTGAATTTCTCCCAATGGGAAGCTCGGCATT
ATATCCCGTGGAGATGAAAATATCAATGTGCTGGATTTACACAGTGGAAAGCTACGGGTGGTTACGCCT
CTGGAGTCATCTGGAGGCAGAGGCTCTCTCGAGATGGTGCCTACCTGGTGTATATTTGTTCCGGAATGG
GGAGGAGGAGGAGAAAACGATGCTATTTCTAGTTTAAATAGTGTGAGACTGGCTGACGGCAAAAACATC
GGTGCTTGTCTCCCTATACAAAACCAACTTTCTTGCATTTCTCAGAGACACCTGAACATCATGTCTG
GCTTTGATGATGGGAGTATAGGGATATACACAGTTGTGGATCGTGTAGATGCTGCGTTGAAGATCAAAAT
TGCCACATCGAATAGCAGACAGATTTTCAACAATGCAACGCAGACATCCAGGCCAAAGTCAAACAGCTAC
TCCTTTAAAGTGTCTGTGGATTGCTTATGGCGAGAGTCCACTGAGGTCTTTGCAAGAGACAGCCCATCA
CCGTGAGTACTCTTCTGAGTCCAACGAGGCAACACCCTCCAAGAAAACAATTTCTGTTATGACCGAGT

GTGTGCTGCCCTAGAATCCAGGAGCCACAGCTACACTCCAGATAACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_177006
Insert Size:	5229 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_177006.3, NP_795980.2</u>
RefSeq Size:	8539 bp
RefSeq ORF:	5229 bp
Locus ID:	319807
UniProt ID:	<u>Q6P5U7</u>
Cytogenetics:	5 C3.1