

Product datasheet for **MC222330**

Ddx54 (NM_028041) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ddx54 (NM_028041) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ddx54
Synonyms:	2410015A15Rik; AI414901; DP97
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC222330 representing NM_028041
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCTGCTGGCAGACGTGTGGACCTGGCCCGCGTCGCTCCACCATGGCGCCTGGAAGAAGAAGA
 GGCTGCGGAAACGCCGAACCTGGGGCTTCCAAGGCCGCGACAGCGACTCGGATGACGCGCAGTTCGAGAT
 CCAGGCGGAGGATGACGCCCGGGCGAGGAAGCTGGGCCCTGGCAGAGCCTTGCCCTCATTTCCTACCTCA
 GAGTGCATATCAGATGTGGAGCCGACACTCGGGAGATGGTGCAGAGCCAGAACAAGAAAAAGAAGAAGT
 CTGGAGGCTTCCAGTCCATGGCCCTGAGTTACCTGTGTTCAAGGGGATCATGAAAAAGGCTACAAGGT
 GCCGACGCCATCCAGAGGAAGACCATCCCGTGATCTTGGATGGCAAGGATGTGGTGGCCATGGCCCGG
 ACAGGCAGTGGCAAGACGGCCTGCTTCTCCTCCCGATGTTTGGAGCGCTGAAGGCACGCAGTGCACAGA
 CGGGGCTCGAGCCCTCATCCTCTACCCACCCGGGAGCTGGCCCTGCAGACCATGAAGTCTACTAAAGA
 GCTAGGCAAGTTCACCGCCTCAAGACTGCCTTGATCCTGGTGGAGACAAAATGGAAGACCAGTTTGCA
 GCCTGCACGAGAACCCTGACATAATCATTGCCACCCCTGGGCGTCTGGTGCATGTGGCTGTGGAGATGA
 ACTTGAAGCTGCAGAGTGTGGAGTATGTGGTGTTCGATGAAGCAGACAGGCTCTTTGAAATGGGCTTTGC
 TGAGCAGCTACAGGAGATCATAGGCCGCTTCTGGGGCCACCAGACGGTGTGTTCTCAGCTACACTG
 CCCAAGCTGCTGGTGGAAATTTGCACGGGACGGCCTCACAGAGCCCGTGCATCCGCCTGGACGTAGACT
 CCAAGCTCAATGAGCAGCTCAAGACCTCCTTCTCCTTGTGCGCAAGACACCAAGGCTGCTGTGCTCCT
 CTACCTGCTGCAGAAATGTCGTTCCGGCCAGGACCAGACTGTGGTGTGTTAGCCACAAAGCACCATGCG
 GAGTACCTCACAGAGTTGCTGATGGGCCAGGTTGAGTTGCGCCACATCTATAGTGCCTGGACCAGA
 CGCCCGCAAGATCAACTTGGCCAAGTTCACACACAACAATGTTCCACCCTCATCGTACTGACTGGC
 CGCCCGGGCCTGGACATCCCACTGCTGGACAAGGTCATCAACTACAGCTTCCCTGCCAAGGCAAGCTC
 TTCTGCACCGAGTGGGCGTGTGGCCGAGCAGGCCAAGTGGCACAGCCTATTCTTTGGTGGCCCGAG
 ACGAGGTCCTACCTGCTTACCTACACTGTTCTGGGCCGCTCTGTACCCTGGCCCGTCTTTGTGA
 GGAGCCTTCAGTGGCAGATGCGGTTGGCAGGGACGGAGTGTGGTGCAGTGCAGGAGTGTAGTGGAT
 GATGAGGACAGCAGCCTGCAGACTGCCATGGGGCATCCCTGGATCTTACAGGCTGCACCGCTGGCCA
 ACAACGCTCAGCAGCAGTATGTGCGCTCACGGCCAGGCCCTCGCTGAGTCCATCAAGAGAGCCAAAGGA
 GCTGGACCTGGCAGAGCTGGGCTTGACCCACTTTCAGCTCATGCTTTGAGGAGGAGAGCTCCAACGC
 CTGAGGCTGGTGGACAGCATCAAGAATATCGCACGCGCACAAACCATCTTTGAGATCAATGCCTCCAGCA
 AGGACCCAAGCAGCCAAATGATGCGTGCCAAGCGCAGAGGGACCGGAAAGCTGTTGCCAGTTTCCAGCA
 GCGGCGCCAGGAAAGGCAGGAAGGCCAGCTGACCCAGCCCCCAGAGGGAGCTGCCTCAGGAGGAGGAG
 GAGGAGATGGTTGAGACTGTAGAGGGTGTCTTACAGAAGTCGTGGGCCAGAAACGGCCAAGGCCGGAC
 CCAGCCAAGGAGCCAAGAGGGCGGAGGATGGAGACCCGTCAGCGAGACCAGGAGTTTTATGTCCCCTACCG
 GCCAAGGATTTGACAGTGAAGCGGGGCTGAGTGTAGTGGGCTGGAGGGGCTTTGAGCAGCAGGTG
 GCTGGTGCAGTCTGGACCTGATGGGGATGAAGCACAGAACATGAGCCGGGGCAGCAGCAGCTCAAGT
 GGGACCGGAAGAAGAAGCGGTTTGTGGGCAGTCAGGCCAAGAAGACAAGAAAAAGATCAAGACAGAGAG
 CGGCCGGTTTATCAGCAGCTTTACAAGCGGGATCTCTACCAGAAGTGAAGCAGAAGCAGAAAAATGAT
 GACCGGGACTCCGAGGAAGAAGGCCATCCAACCAGCGAGGCCCTGGGCCCGCAGAGGTGGAAAGCGAG
 GTCGTAGTCAAGGCACATCCCAGCCCCAGCTTCCAGTGTACCCGAGGCCGATGCGCTCGAACTCAA
 GACCAAGGAGCAAATCCTCAAGCAGCGCCGGAAGCTCAGAAGCAGCGCTTCTGACAGGAGGGGCGCTG
 AAGCAGTTTTCAGCACGCAACCGACGCCAGGCCAGGAGCTGCGCCAGGGCGCCTTTGGCCGGGTGCTC
 CCTCCAGGAAGGCAAGATGAGGAAAAGGAT**GTA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_028041
Insert Size: 2625 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:	NM_028041.2 , NP_082317.1
RefSeq Size:	3956 bp
RefSeq ORF:	2625 bp
Locus ID:	71990
UniProt ID:	Q8K4L0
Cytogenetics:	5 F
Gene Summary:	Has RNA-dependent ATPase activity. Represses the transcriptional activity of nuclear receptors (By similarity).[UniProtKB/Swiss-Prot Function]