

Product datasheet for **MC216087**

Ddx47 (NM_026360) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ddx47 (NM_026360) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ddx47
Synonyms:	4930588A18Rik; C77285
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216087 representing NM_026360
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGCGGACGAGGAACCCGATTCCCCCTCTGGAGCCCTTCAGACAGCTGCGGAAGAGGAGGAAACGA
 AAACATTTAAAGACCTGGGTGTTACGGATGATTGTGTGAAGCTTGTGACCAGTTGGGATGGGCAAAGCC
 CACCAAGATCCAGATCGAAGCTATTCCTTTGGCCTTGCAAGTCTGTGATATTATTGGGTTGGCAGAAACG
 GGATCTGGGAAAACAGGTGCCTTTGCTTTGCCATCCTGAATGCCCTGTGGAGACGCCCCAGCGACTGT
 TCGCCCTGGTCTCACCCCTACTCGAGAGTTGGCCTTTCAGATCTCTGAGCAGTTCGAGGCCCTGGGGTC
 ATCTATTGGAGTGCAGTGTCTGCTCATTGTTGGTGAATTGATCAATGTCTCAGTCACTAGCATTGGCC
 AAAAAACCACATATAGTAATAGCTACTCCTGGCCGACTGATTGACCACTGGAAAATACCAAAGGCTTCA
 ACTTAAGAGCTCTTAAGTACTTGGTCATGGATGAAGCAGACCGGATACTGAACATGGATTTTGAGACAGA
 GGTGACAAGATCCTCAAAGTATCCCGAGATCGGAAAACATTCTCTTTTCTGCCACCATGACCAAG
 AAGGTACAAAACTTCAGCGTGCAGCTCTAAGAACCCCTGTGAAATGTGCTGTGTCTCTAAGTACCAGA
 CTGTGGAGAACTGCAGCAGTATTACCTTTTTATTCCCTCGAAATTCAGGATACCTACCTGGTTTTATAT
 TCTCAATGAACTGGCTGGAACTCCTTTATGATATTCTGCAGCACCTGTAACAACACTCAGAGAACAGCT
 TTGCTGCTCCGAAATCTCGGGTTCAGTCCATCCCCCTCCATGGACAGATGAGTCAGAGCAAGCGCCTCG
 GATCCCTTAATAAGTTTAAAGGCTAAGGCCAGGTCCATTCTTCTAGCGACTGATGTCGCCAGCAGAGGTCT
 GGACATACCCATGTGGATGTAGTGGTCAATTTGACATCCGACTCATTCTAAGGATTATCCATCGA
 GTTGGACGAACCCGAGAGCTGGGCGCTCTGGGAAGGCCATTACTTTTGTAAACACAGTATGACGTGGAAC
 TCTTCCAGCGCATCGAGCACTTGATTGGAAAGAAGCTGCCTGTCTTTCCGACGAGGATGAGGAGGTGAT
 GATGCTCACGGAACGTGTGAATGAGGCCAGAGGTTTCCCGGATGGAGTTAAGGGAGCACGGAGAAAAG
 AAGAAACGGAAGCGAGAGGATGCAGGAGATGATGATAAGGAGGGCGCCATTGGTGTGAGGAACAAGG
 TGCTGGGGGCAAATGAAGAAGCGAAAGGCCGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_026360

Insert Size: 1368 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_026360.3](#), [NP_080636.2](#)

RefSeq Size: 1764 bp

RefSeq ORF: 1368 bp

Locus ID: 67755

UniProt ID: [Q9CWX9](#)

Cytogenetics: 6 G1

Gene Summary: Involved in apoptosis. May have a role in rRNA processing and mRNA splicing. Associates with pre-rRNA precursors (By similarity).[UniProtKB/Swiss-Prot Function]