

Product datasheet for **RN202489**

Ddx5 (NM_001007613) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ddx5 (NM_001007613) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ddx5
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN202489 representing NM_001007613
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTCGAGTTATTCTAGTGACCGAGACCGCGCCGGGATCGAGGGTTTGGTGCACCTCGATTTGGAGGGA
 GTAGAACAGGACCCCTATCTGGAAAGAAGTTTGGAAATCCTGGGAGAACTAGTTAAAAAGAAGTGGAA
 TCTTGATGAGCTGCCAAATTTGAGAAGAATTTTATCAGGAACACCCTGATTTGGCAAGGCGCACCGCA
 CAAGAGGTAGATACGTACAGAAGAAGCAAGGAAATTACAGTCAGAGGTCACAACCTGCCAAAACCTGTT
 TGAATTTTATGAAGCAAACCTTCTGCAAATGTCATGGATGTGATTGCAAGGCAGAACCTCACTGAACC
 CACTGCTATCCAAGCTCAGGGCTGGCCAGTTGCTCTCAGTGGATTGGATATGGTTGGAGTAGCTCAGACT
 GGATCTGGGAAAACATTATCTTATTTGCTGCCTGCCATTGTACACATAAACACCAGCCATTCTTAGAGA
 GAGGTGATGGGCCTATTTGCTTGGTGTGGCACCACCTCGAGAAGTGGCAGCAGGTGCAGCAGGTGCG
 TGCTGAATATTGTAGAGCTTGTGCTTGAAGTCTACTTGCATCTATGGTGGTGTCCCAAAGGACCGCAG
 ATTCGTGATTTGGAGAGAGGTGTGGAAATCTGTATTGCAACACCTGGAAGACTGATTGACTTTTTAGAGT
 GTGGGAAAACCAATCTGAGAAGAACAACCTACCTTGCCTTGATGAAGCTGATAGGATGCTTGATATGGG
 CTTTGAACCCCAAATAAGGAAAATTGTGGATCAAATAAGACCTGATAGGCAAACACTAATGTGGAGTGCA
 ACTTGGCCAAAAGAAGTAAGACAGCTTGTGAAGATTTCTGAAAGACTATATTCATATCAATATTGGTG
 CACTGGAAGTGAAGTCAAACCAATACATTCTTCAGATTGTGGATGTGTGTCATGATGTCGAAAAGGATGA
 AAACTTATTCGTCTGATGGAAGAGATCATGAGTGAGAAGGAGAATAAAACCATTTGTTTTGTTGAAACC
 AAAAGAAGATGTGATGAACCTACCAGAAAAATGAGGAGAGATGGGTGGCCTGCCATGGGCATCCATGGTG
 ACAAGAGTCAACAGGAACGAGACTGGGTTCTAAATGAATTCAAACATGGAAAAGCTCCTATTCTGATTGC
 TACCGATGTGGCCTCCAGAGGGCTAGATGTGGAAGATGTGAAATTTGTCATCAATTATGACTACCCTAAC
 TCCTCAGAGGATTATATTCATCGAATTGGAAGAACTGCTCGCAGTACAAAAACAGGCACAGCATACTT
 TCTTTACTCCCAATAACATAAAGCAAGTGAAGCAGCTCATCTCTGTGCTTCGGAAGCCAAATCAAGCAAT
 TAATCCCAAGTTGCTTCAGTTGGTGAAGACAGAGGTTTCAGGTCGTTCCAGGGGTAGAGGAGGCATGAAG
 GATGATCGTCGTGACAGATACTCTGCAGGGAAAAGGGTGGATTTAATACCTTTAGAGACAGGGAAAAC
 ATGACAGAGGCTACTCTAGTCTGCTTAAAGAGAGATTTGGGGCTAAAACCTCAGAAATGGTGTTTACAGTGC
 TGCAAATTACACCAATGGGAGCTTTGGAAGTAATTTGTATCTGCTGGCATAACAGACCAGTTTTAGGACT
 GGTAACCCAACAGGGACTTACCAGAACGGTTATGATAGCACTCAGCAATATGGAAGTAATGTTGCAATA
 TGCACAAATGGGATGAACCAACAGGCATATGCATATCCTGCTACCGCAGCTGCTGCCCTATGATTGGCTA
 TCCAATGCCAACAGGGTATTCTCAATAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001007613
- Insert Size:** 1848 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_001007613.1](#), [NP_001007614.1](#)

RefSeq Size: 2508 bp

RefSeq ORF: 1848 bp

Locus ID: 287765

Cytogenetics: 10q32.1

Gene Summary: mouse homolog is a RNA helicase [RGD, Feb 2006]