

Product datasheet for **RN207405**

Ddx52 (NM_053525) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ddx52 (NM_053525) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ddx52
Synonyms:	Rok1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN207405 representing NM_053525
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGATTCCTACGATCTGTTTCGCCGGCTCGGAGCCGGCCCAAGTTCGACGTGAAGCGTTCTCAGCAG
ACGCTACTCGATTCCAGGTAGGAAAAAGAAAATTCGGTTCTGATTCTTCAGAGACCGTGAAGGGACTAGA
CTTCTTCGGAAACAAGAAATCTGTCTCAGATGAGTGTGGAGGATTACAAACACAGCAGGAGCTCCAAAAT
GAGGAGACAACAGAAGGGGGCTGCTGGAAAGGAGTAAGGAGCCGAAGAAGAAAAAGAGAAAGAAGATGA
CTGCAGACGTTCTGCTCAAGAAGACCTTGACGGGACGATACAGTGGACATCCTCTGTGGAAGCAAAGCT
TCAAGATAAAAAAGCCAATGGAGAGAAGAAATTAACCTCAGAAAAGTTGGAGCATCTCAGAAAGGAAAAAG
ATCAACTTCTTTTCGGAACAAACACAAGATACATGTCCAAGGAAGTATCTCCTGACCCAATTGCTACAT
TTCAGCAACTTGATCAAGAATATAAGATCAGTCCCTCGATTGCTCCAGAATATTCTAGATGCAGGCTTCCA
GGTGCCACACCAATTCAGATGCAAGCCATTCCAGTTATGCTGCATGGTCCGGAACCTTCTGGCTTCTGCT
CCTACTGGATCCGGGAAGACGTTGGCATTAGCATCCCAATTTAATGCAGCTGAAAACAACCCACAATA
AAGGCTTTAGAGCCCTGGTTATATCCCCAACCCGAGAAGTGGCCAGCCAGATTACAGAGAAATTAATTA
AATATCTGAGGGTACAGGATTACAGGATACATATGATCCACAAAGCTGCAATAGCAGCTAAGAAATTTGGA
CCTAAATCATCTAAGAAGTTTGATATCCTGTGACCACTCCAAATCGACTGATCTACTTGTGAAGCAGG
AGCCGCCAGGGATAGACCTAACAAAGTGTGAGTGGCTGGTAGTAGATGAGTCGGACAAACTGTTCCGAAGA
TGGCAAACTGGGTTTCGAGACCAGCTGGCTCCATTTTCTGGCCTGCACATCCCCAAGGTGAGAAGA
GCAATGTTTCAGTCAACTTTCGCATATGACGTTGAGCAGTGGTGAAGCTCAACCTGGATAACATAGTTT
CCGTATCCATTGGAGCAAGGAATTCGCAAGTGAAGTGTGAACAAGAGCTTCTGTTTGTGGATCGGA
GACTGGAAAACCTTCTGGCCATGAGAGAAGTGTAAAAAAGGCTTCAATCCACCTGCTTGTGTTTTGTT
CAGTCCATTGAAAGGGCTAAAGAGCTTTCCATGAGCTCATATATGAAGGTATTAATGTGGACGTCATTC
ATGCAGAAAGAACACAGCAGCAGAGAGATAACACAGTCCACAGCTTCAGAGCAGGAAAAATCTGGTTCT
TATTTGTACAGCCTTGTGCAAGAGGGATTGACTTTAAAGGTGTAACCTGGTCATCAATTATGATTTT
CCAACCAGCTCAGTGAATACATCCATAGGATAGGTGCAACTGGAAGAGCAGGGAATAGGGGAAAGGCTG
TTACATTTTTACCGAAGATGATAAACCATTACTAAGAAGTGTGCAATGTTATTCAGCAGGCTGGTTG
TCCTGTACCTGAATACATCAAAGTTTCCAGAACTACTGAGCAAAACAAAAGAAAAAATGATTAAGAAG
CCATTGGAAGGGAGAGCATTAGTACAACCTCAAAATATTTCTTAGAGCAAGCTAAACAGAAAAAGTTG
CTGGCCAAAACAGCAAGAAGAAAGAACTCTTAAAGGAAAAAGT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_053525

Insert Size: 1797 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_053525.1](#), [NP_445977.1](#)

RefSeq Size: 2175 bp

RefSeq ORF: 1797 bp

Locus ID: 85432

UniProt ID: [Q99PT0](#)

Cytogenetics: 10q26

Gene Summary: may act as an RNA helicase; yeast homolog is required for ribosomal RNA processing [RGD, Feb 2006]