

Product datasheet for **RR207405**

Ddx52 (NM_053525) Rat Tagged ORF Clone

Product data:

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



[View online »](#)

ORF Nucleotide Sequence:

>RR207405 representing NM_053525
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGATTCCTACGATCTGTTTCGCCGGCTCGGAGCCGGCCCAAGTTCGACGTGAAGCGTTCTCAGCAG
 ACGCTACTCGATTCCAGGTAGGAAAAAGAAAATTCGGTTCTGATTCTTCAGAGACCGTGAAGGGACTAGA
 CTTCTTCGAAAACAAGAAATCTGTCTCAGATGAGTGTGGAGGATTACAAACACAGCAGGAGCTCCAAAAT
 GAGGAGACAACAGAAGGGGGCTGCTGGAAAGGAGTAAGGAGCCGAAAGAAAAAGAGAAAGAAGATGA
 CTGCAGACGTTCTGCTCAAGAAGACCTTGACGGGACGATACAGTGGACATCCTCTGTGGAAGCAAAGCT
 TCAAGATAAAAAAGCCAATGGAGAGAAGAAATTAATTTCAGAAAAGTTGGAGCATCTCAGAAAGGAAAAAG
 ATCAACTTCTTCGGAACAAACACAAGATACATGTCCAAGGAAGTATCTCTGACCCAATTGCTACAT
 TTCAGCAACTTGATCAAGAATATAAGATCAGTCTCGATTGCTCCAGAATATTCTAGATGCAGGCTTCCA
 GGTGCCACACCAATTCAGATGCAAGCCATTCCAGTTATGCTGCATGGTCCGGAAGTCTGGCTTCTGCT
 CCTACTGGATCCGGGAAGACGTTGGCATTAGCATCCCCATTTAATGCAGCTGAAACAACCCACAATA
 AAGGCTTTAGAGCCCTGGTTATATCCCCAACCCGAGAAGTTCAGCCAGATTACAGAGAAATTAATTA
 AATATCTGAGGGTACAGGATTACAGGATACATATGATCCACAAAGCTGCAATAGCAGCTAAGAAATTTGGA
 CCTAAATCATCTAAGAAGTTTGTATCCTGTGACCACTCCAAATCGACTGATCTACTTGTGAAGCAGG
 AGCCGCCAGGGATAGACCTAACAAAGTGTGAGTGGCTGGTAGTAGATGAGTCGGACAAACTGTTCCGAAGA
 TGGCAAACCTGGGTTTCGAGACCAGCTGGCTTCCATTTTCTGGCCTGCACATCCCCAAGGTGAGAAGA
 GCAATGTTTCAGTGAACCTTTCGCATATGACGTTGAGCAGTGGTGAAGCTCAACCTGGATAACATAGTTT
 CCGTATCCATTGGAGCAAGGAATTCGCACTTGAACCTGTTGAACAAGAGCTTCTGTTTGTGGATCGGA
 GACTGGAAAACCTCTGGCCATGAGAGAAGTGTAAAAAAGGCTCAATCCACCTGCTCTGTTTTTGT
 CAGTCCATTGAAAGGGCTAAAGAGCTTTTCCATGAGCTCATATATGAAGGTATTAATGTGGACGTCATTC
 ATGCAGAAAGAACACAGCAGCAGAGAGATAACACAGTCCACAGCTTCAGAGCAGGAAAAATCTGGTTCT
 TATTTGTACAGCCTTGTGCAAGAGGGATTGACTTTAAAGGTGTAACCTGGTCATCAATTATGATTTT
 CCAACCAGCTCAGTGAATACATCCATAGGATAGGTGCAACTGGAAGAGCAGGGAATAGGGGAAAGGCTG
 TTACATTTTTACCGAAGATGATAAACCATTACTAAGAAGTGTGCAATGTTATTCAGCAGGCTGGTTG
 TCCTGTACCTGAATACATCAAAGTTTCCAGAACTACTGAGCAAACAAAAGAAAAAATGATTAAGAAG
 CCATTGAAAGGGAGAGCATTAGTACAACCTCAAATATTTCTTAGAGCAAGCTAAACAGAAAAAGTTG
 CTGGCCAAAACAGCAAGAAGAAAGAAACTCTTAAAGGAAAAAGT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR207405 representing NM_053525
 Red=Cloning site Green=Tags(s)

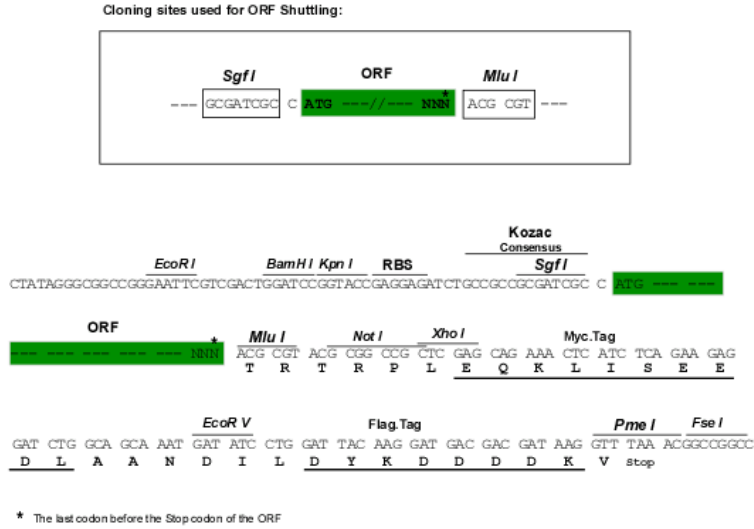
MDSYDLFRRLGAGAKFDVKRFSADATRFQVGRKFGSDSSETVKGLDFFGNKKSVSDECGGLQTQQLQN
 EETTEGLLERSKEPKKKKRRKMTADVPAQEDLDGTIQWTSSVEAKLQDKKANGEKLTSEKLEHLRKEK
 INFFRNKHKIHVQGTDLDPDIATFQQLDQYKISPRLLQNILDAGFQVPTPIQMQAIPVMLHGRELASA
 PTGSGKTLAFSIPILMQLKQPTNKGFRALVISPTRELASQIHRELKISEGTGFRHMIHKAIAAKKFG
 PKSSKFDILVTTNRLIYLLKQEPPIGLTSVEWLVDVSDKLFEDGKTGFRDQLASIFLACTSPKVR
 AMFSATFAYDVEQWKLNLNIVSVSIGARNSAVETVEQELLFVGSETGKLLAMRELVKKGFNPPVLFV
 QSIERAKELFHELIYEGINVDVIHAERTQQQRDNTVHSFRAGKIWVLICTALLARGIDFKGVNLVINYDF
 PTSVVEYIHRIGRTGRAGNRGKAVTFFTEDDKPLLRVANVIQQAGCPVPEYIKGFQKLLSKQKKMIK
 PLERESISTTPKYFLEQAKQKKVAGQNSKKKETLKGKS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

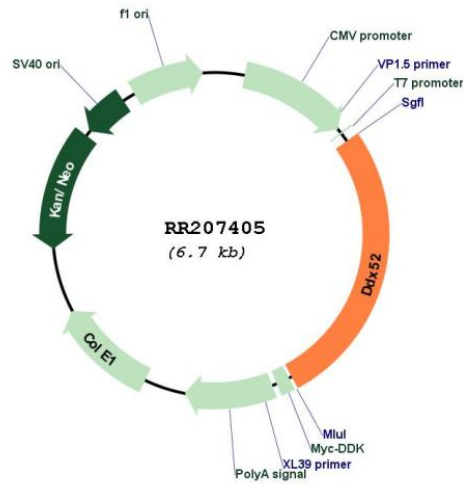
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_053525

ORF Size: 1794 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_053525.1 , NP_445977.1
RefSeq Size:	2175 bp
RefSeq ORF:	1797 bp
Locus ID:	85432
UniProt ID:	Q99PT0
Cytogenetics:	10q26
MW:	67.2 kDa
Gene Summary:	may act as an RNA helicase; yeast homolog is required for ribosomal RNA processing [RGD, Feb 2006]