

Product datasheet for **RN217237**

Ddx20 (NM_001191711) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ddx20 (NM_001191711) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ddx20
Synonyms:	Dp103
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN217237 representing NM_001191711

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGGCGGCGCGTTTGAAGCTCTACCGCCTCGACAACCTCCGAATCCGCTATGGCGGCGGAGCTTGAGG
CCGCACCGGTTCCGGCTGCGGAGCCAACCTCCCGCTCCCGTGGAACCTGCGGACCGCTCACGACATCGG
CGGGCCGCGCACAGTACCGGGGACGTGGTGCTGGCGGAGCCTGCGGACTTCGAGTCGTTGCTGCTGCTCG
CGGCCCCGTGCTGGAGGGGCTGCGGGCGCGGCTTCGAGAGGCCCTCTCCCGTGCAGCTCAAGGCCATCC
CGCTGGGCGCTGCGGGCTTGATTTAATTGTTCAAGCTAAATCTGGCACTGGAAAACTTGTTGATTCTC
CACCATTGCTCTGGACTCCCTATTCTTGAAACTATAGTACTCAGATTTTGATATTGGCTCCACAAGA
GAAATTGCTGTTGAGATACATTCTGTTATCACAGCCATTGGAATAAAATGGAAGGATTAGAATGTCATG
TCTTTATTGGAGGACTCCATTATCGAAGATAAAACAGACTTAAAAAGTGCATATTGCTGTTGGCTC
TCCTGGTAGAATTAACAGCTCATAGAATTGACTACCTGAATCCAGGCAGTATCCGTCTCTTTATTCTT
GATGAAGCAGATAAGCTTTTAGAAGAAGGCAGTTCCAGGAGCAAATAAATTGGATTTACTCCTCTTTGC
CTGCCAGTAAACAAATGTTGGCAGTGTCTGCTACTTACCCTGAAATTTTGCTTAATGCTTTGACAAGGTA
TATGAGAGATCCCACTTTTGAAGATTGAATCCAGTGATCCAAGTCTGATAGGTTTGAAGCAGTACTAC
CAAGTTGTCAACTCTTACCCTTTGGCTCATAAGATTTTGAGGAAAAGACTCAGCACTTACAGGAACCTT
TATGATAAATCCCATTTAATCAAGCCTTGGTGTCTTCTAATTTGCATAGCAGAGCTCAACACTTGGCTGA
TATCCTCTCTTCTAAAGGTTTCTACTGAATGCATTTACAGTAACATGAATCAGAATCAGCGCCTTGAT
GCTATGGCTAACTGAAGCAGTTTCATTGCAGAGTCTCATTCTACAGATTTGACTTCCCGTGGGATTG
ATGCGGAGAAGGTGAATCTAGTTGTAATCTGGATGTCCGTTAGACTGGGAGACTTACATGCATCGAAT
TGGCAGAGCTGGCGGTTTTGGCACATTGGGACTGACAGTGACCTACTGTTGTAGAGGGGAAGAAGAAAT
ATGATGATGAAAATTGCCAGAAATGTAATATCAACCTTCTCCCTTTACCAGATCCTATTCTGCTGGCT
TGATGGAAGAATGCTTGGATTGCGATGTGGAAGTTAAAGCTGCGATGCACACTTACAGCTACCAAGTAT
ATCTACCCAGTCCCCAAAAAGCAAGTTCAAAAACAGAGCGAGCCTTCCAGTCTCAAAGAACTCCTGGT
AGCCATATGCCTTCCCCAGAAACACTTCTGTATCTACACTGTGAGCCAAATCAAAGCACGGCAAACAAA
AGCTTCTGTGAAAAGCCACTCAGAGTGTGGGATCCTAGAAAAGGCAGCTCCACCACAGGAGTTGGGCTG
TACCACACATCCGAAGAGCAAGTTAAGAACTCTGTTGAGACCTCTACTGAGGAGTCTCCAGTAACAGC
CTGCACCAGGCCAAAGAGACCTCACCTGGGTCACTCCCTAAGATTCCTTGTCTGCTTCTTTAAAGTCC
ATCAGCTGAGTGCTTTGACTTTTGCAGAACTGGTGAAGATTATGAACACTATATTAAGAGGGGCTTAGA
GAAACCTGTGGAATTATCCGGCACTACACAGGACCTGGGGCTCAGACTGTGAATCCTCAGAATGTTTTT
GTGAGAAACAGAGTTTCTGCAGACAGAGTGAGATGTTGGTGAGTAGGCCAGTCTGGAGACTCAGAGA
GTGAGAGCGACTCTTGCAGCTCCAGGACTTCTTCCAGAGCAAAGGCAATAAGTCTTACTTGAAGGCTC
TTCTGACACTCAGTTGAAAGACTCTGAATGTACTTCTGTGGGTGGCCCTCTGTCTTTGGAACAAATTCAG
AATGGAATGATACCTCGACTCAAGTGGAGTATCAAGAATCCCTGAAACCCAGGTAAAGGCAAGGCATA
AAGAAGGTGCTAACCAAGGTCTAAACCAAGTCGAGAAACCCACCACGGCGCTCCTCCTACCGAGTACA
GACAGAAGCCCAGGAAGAGGGTTGGCATGACTGTACAGGGAACAAACGCGAGTTCTTCAGATCCCTAC
CAGGATTATGAGGAGTACTGGAGAGCGTATTACAGGGCATGGCAAGAATATTATGCTGCTGCTTCCATT
CATACTATTGGAATGCTCAGAGACATCCGAGCTGGATGGCTGCCTATCATATGAATACAGTTTATCTACA
AGAAATGATGCGTGGAACCAAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:

NM_001191711

Insert Size:

2475 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<u>NM_001191711.1, NP_001178640.1</u>
RefSeq Size:	2752 bp
RefSeq ORF:	2475 bp
Locus ID:	84473
Cytogenetics:	2q34
Gene Summary:	member of the DEAD box family of putative RNA helicases; interacts with SF-1 and demonstrates transcriptional repression [RGD, Feb 2006]