

Product datasheet for **RN207166**

Ddx1 (NM_053414) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ddx1 (NM_053414) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ddx1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN207166 representing NM_053414
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGGCCCTTCTCCGAAATGGGTGTTATGCCGAGATTGCACAAGCCGTGGAGGAGATGGATTGGCTTC
 TACCCACTGATATCCAGGCAGAATCTATCCATTGATCCTAGGAGGAGGTGATGACTTATGGCTGCAGA
 AACGGGAAGTGGAAAACTGGTGCATTTAGTATCCAGTTATCCAGATAGTGTATGAGACTCTGAAAGAC
 CAACAGGAAGGAAAGAAAGGAAAGCAACTATTAATAACTGGTGCTTCTGTGCTCAACAAGTGGCAGATGA
 ACCCATATGATAGAGGTCTGCTTTTGCATTGGGTGAGATGGTCTGTGTGTCAGAGCAGAGAGGTGAA
 GGAGTGGCATGGGTGCAGAGCGACTAGAGGACTGCTGAGAGGGAAGCACTACTACGAAGTATCCTGTCAT
 GACCAAGGGCTGTGCAGAGTTGGGTGGTCCACCATGCAGGCTTCCTTAGACCTGGTACTGACAAGTTG
 GATTTGGCTTCGGTGGACAGGAAAGAAATCTCATAATAACAATTTGATAATTATGGAGAGGAATTCAC
 TATGCATGACACCATTGGATGTTACTTAGACATCGATAAAGGGCACGTGAAGTTCTTAAGAAATGGAAAA
 GACCTTGGTCTGGCATTGAAATACCTGCACACATAAAAAACCAAGCCCTTCCCTGCCTGTGTTTGA
 AGAATGCTGAATTGAAATTAACCTTGGTGAAGAAGAATTAAGTTTCCACAAAAGATGGTTTTGTTGC
 TCTTCCAAAGGCCCTGATAGTTACGTCGTCAAATCGCAGCACACAGGTAATGCACAGGTGCACAAAAC
 AAATTTCTCCCTAATGCTCCAAAAGCTCTTATTGTGGAACCTCCAGAGAGTTAGCTGAGCAAACCTTGA
 ACAATGTGAAACAGTTTAAAGAGTACATCGATAATCCTAAATTGCGGGAGCTTCTCATAATTGGTGGCGT
 TGCAGCTCGGGATCAGCTCTCCGTTCTGGATAATGGGGTTGATATTGTCGTCGGTACTCCAGGAAGATTA
 GATGATTTGGTGTCAACTGGAAGCTCACTTGTCTCAAGTTAGATTCTGGTCTGGATGAAGCAGATG
 GGCTTCTCTCAAGGTTATTCTGACTTTATTAACAGGATGCACAACCAGATTCCCTCAGATTACTCTGA
 TGGGAAAAGACTTCAGGTGATTGTTGCTCTGCTACTCTGCATTCTTTGATGTAAGAAACTATCTGAG
 AAGATAATGCATTTTCCACGTGGGTGGATTTGAAAGGAGAAGATTCTGTTCTGATACTGTGCATCATG
 TCGTTGTTCTGTGAACCCAAAACTGACAGGCTCTGGGAAAGGCTGGGGAAGAACCACATTGAAACCGA
 TGATGTCCATGCAAAGGATAACACAAGACCTGGTGCCAACAGTCCAGAGATGTGGTCTGAAGCTATTA
 AACTGAAGGGGAGTATGCTGTCCGAGCAATCAAGGAGCACAAGATGGATCAAGCAATTATCTTCTGTA
 GAACGAAAATTGACTGTGACAACCTGGAGCAGTACTTTATGCAGCAAGGAGGAGGACCTGATAAAAAAGG
 ACACCAATTCTCATGTGTATGTCTTATGGTGACAGAAAGCCTCACGAGAGAAAGCAGAACTTGGAAACGA
 TTTAAGAAAGGAGACGTAAGATTCTGATTTGCACAGACGTAGCTGCCAGAGGAATTGACATCCACGGTG
 TTCTTATGTTATTAATGTCACCCTGCCTGATGAAAAGCAGAATTATGTGCACCGGATTGGCAGAGTGGG
 GCGAGCTGAAAGGATGGGCTGGCTATTTCCCTGGTGGCAACAGAGAAAGAAAAGGTTTGGTATCACGTA
 TGCAGCAACCGTGGGAAGGGATGCTATAACACTAGACTCAAGGAAGATGGCGGCTGTACTATCTGGTACA
 ATGAAATGCAGCTACTTCTGAGATAGAAGAACACCTGAACTGTACCATTTCCAGGTTGAGCCAGATAT
 AAAGGTTCCAGTGGATGAGTTTGTGGGAAAGTTACATATGGTCAGAAAAGAGCTGCTGGCGGTGGGAAC
 TATAAAGGCCATGTGGACATCCTGGCACCTACCGTTCAAGAGTTGGCTGCCCTTGGAAAGGAAAGCAGACA
 CATCTTTCCTACACCTTGGCTACCTTCCAACACAGCTGTTCAGAACCTT**CTGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_053414

Insert Size: 2223 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:	<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:	<u>NM_053414.1</u> , <u>NP_445866.1</u>
RefSeq Size:	2487 bp
RefSeq ORF:	2223 bp
Locus ID:	84474
UniProt ID:	<u>Q641Y8</u>
Cytogenetics:	6q15
Gene Summary:	associated with estrogen-dependent endometrial adenocarcinoma in the BDII rat [RGD, Feb 2006]