

Product datasheet for **RN214603**

Ddx49 (NM_001115023) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ddx49 (NM_001115023) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ddx49
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN214603 representing NM_001115023
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGGGTTTCGCTGAGCTCCGGCTATCGTCGTGGCTGGTGAACAGTGTGACAGCTGGGGTTGAAGC
 AGCCACGCCGGTGCAGCTCGGGTGCATCCCGCCATCCTGGAAGTTCGGGACTGCTTGGGTTGTGCAAA
 AACAGGAAGTGGCAAGACAGCAGCCTTTGACTTCCCATCCTGCAGAAGCTGTCTGAGGACCCTTATGGC
 ATCTTCTGCCTGGTTTTGACACCCACTAGAGAGCTGGCCTACCAGATAGCTGAGCAGTTCGAGTGTGG
 GGAAGCCTCTGGGCTAAAGGACTGCATCATCGTTGGTGGCATGGACATGGTACGACAGGCCCTGGAGCT
 CTCTCGGAAGCCACACGTGGTTATTGCCACCCCTGGGCGCCTGGTGACCACCTGCGCAGTTCACACT
 TTCAACATGAAGAAAATCAGATTCTTGGTGTGGACGAGGCCGATAGGCTGCTGGAGCAGGGTGCACCC
 ACTTCACTGCAGACCTGGAGACCATCCTGTCAGCTGTTCCAGCACGCAGGCAAACCTCCTGTTCACTGC
 CACACTGACGGACACACTCAAGGAGCTGCAGGGCCTGGTACCAACCAGCCCTTCTTTGGGAGGCACAG
 GCCACGGTTCGCATGGTGGAGCAGCTTGACCAGCGCTATCTGCTGGTGCCTGAGAAGGTGAAGGACGCT
 ACCTGGTTCACCTGGTCCAGACCTTCCAGGACCAGCTGGAGGACTGCTCCATCATCATCTTCACCAATAC
 CTGCAAGACCTGCCAGATCCTTTGTATGATGCTTCGAAAGTTCAACTTCCCACAGTGGCACTGCACTCC
 ATGATGAAGCAGAAAGAGCGCTTTGACGCCCTGGCCAGATTCAAGTCCAGCACCTATCGGATTCTTATTG
 CTACTGACGTGGCCTCCAGAGCCTGGACATCCCCTGTGCAGGTGGTTCATCAACCACAACACCCCTGG
 GCTCCCAAGATCTACATCCATAGGGTCGGTCCGACAGCCCGTGCAGGGAGGCAGGGACAGGCCATCACA
 CTGGTGACGCAGTACGACATCCACCTGTTGCATGCCATCGAGGAGGAGATCAAACAGCAGCTGGCTGAAT
 TGGCAGTGGAGGAGGCCAGGTCCTGCAGATCCTCACACAGTCAACGTGGTGGCAGGGAGTGTGAAAT
 CAAACTGGAGGCTTCGCATTTTGTGAAAAGAAGGAGATCAACAAGCGGAAACAGATGATCCTGGAGGGG
 AAGGACCCGACCTGGAGCCAAGCGCAAAGCTGAGCTGGCCAAGATTAAGCAACAGAACCAGCGCTTCA
 AGGAGAAAGTGGAGCAGACGCTTCGGCAGCAGAAAGCAGGGAGCACAGGCCGCGGCTCGCTCCAG
 ACCTCGTCCCAAGAGCCAGCCAGGGCTGAGGCTCAGAACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001115023
- Insert Size:** 1443 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_001115023.1](#), [NP_001108495.1](#)
RefSeq Size: 1555 bp
RefSeq ORF: 1443 bp
Locus ID: 290660
Cytogenetics: 16p14