

Product datasheet for **RN209610**

Ddx58 (NM_001106645) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ddx58 (NM_001106645) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ddx58
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN209610 representing NM_001106645
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACCGCAGAGCAGCGCAGAATCTGCAAGCATTTCAGAGACTATATCAAGAAGATTCTGGACCCACCT
 ACATCCTCAGCTATATGAGTTCCCTGGCTCCGGGATGATGAGGTGCAGTGCATTTCAGGCCGAGAAGAACA
 CAAGGGCCCAATAGAGGCCGCTCACTGTTCTCCGGTACCTGTTGGAGCTGCAGACAGAGGGCTGGTTC
 CGGGCCTTTTTGGATGCCTGTACCATGCAGGTTACTGTGGACTTTATGAAGCCATCGAAACTTGGGACT
 TTCAAAAAGTTGAAAAGTTAGAGGAACACAGATTACTTTTAAGACGTTTAGAGCCGGAATTTAAGCCAC
 AGTTAGCCCGACAGATATCCTTTCTGAAATATCTGAATGTTTGATTAATCAGGAATGTGAAGAAATCAGA
 CAGATCTGCTTCACTAAAGGGAGGATGGCGGTGCGGAGAAGATGGTCCAATGTCTTCTCAGATCCGATA
 AGGAGAAGTGGCCAAAGTTTTGCAGTTTGCTTTGGAGAAAGACAACAGCAAGTTTAGTGAAGTGGCT
 CGTCGATAAAGGTGTGAGAAGGTTGACTGTAAGGCTGTTGAGGATGACGGAACAGAGATGGCCAGCATA
 CAGATTTTCATTAGGAAGAACCAGGAGTGTGAGAATCTCAGTCAGAATCCCGGCCCTCCTTCAGAAGCGT
 CTCTAATAAATCACACAGCCATTGAAACCAAGAAATTACCAACTGGAGCTTGCCCTGCCTGCCAAGAA
 AGGGAAAAATACAGTAATATGTGCTCCTACTGGTTGTGAAAAACCTTTGTGTCGTTCTCATATGCGAA
 CATCATCTTAAAACTTTCCGCACGGACAGAAAGGGAAAGTGGTCTTTTTGCTAACCAGATCCCTGTGT
 ATGAACAGCAGGCCACTGTGTTCTACGATATTTGAAAGATTTGGGTACAATGTGCGCCGCATTTCCGG
 GGCAACGGCTGATAATGTGTCAGTGCAGCACATCATTGAAAACAATGACATCGTCATCCTGACACCCAG
 ATCTTTGTGAACAGTCTCAACAATGGAGCCATCCCTCGCTGTCTGTCTTCACTCTGATGATATTCGACG
 AGGGTCACCCGACCCACTGCCTCAGGTCAATGGGCTGACTGCTTCCGTTGGTGTGGAGATGCTAAAACC
 GTGGAGGAAGCCATGCTGCACATCTGCAAACTCTGTGCCGCCCTCGATGCCTCAGTGATTGCCACAGTCA
 GAGACAACGTGGAAGAACTGGAGCAGGTTGTTTATAAGCCTCAGAAAATTTCCAGGAAAGTGAATCACG
 GGCTTCGAACACGTTTAAATGCATCATATCTCAGCTGATGAGGGAGGCAGAGAGGCTGGCGAAGAAGCTC
 TCTGAGGAACTTGGAAAGTTCTTTCAAATTCAAAATCGAGAAATTTGCCACCCAGAAATATGAGCAGTGGA
 TTGTGCGCCGTTCAAAAGCATGCACGGTGTTCAGATGCCTGACAAGATGAGGAGAGCAGGATCTGCAA
 GGGCTCTTTCTGTACACCTCCCACTTGGGAAATACAACGACGCCCTCATCATCAGCGAGGATGCACAG
 ATGAAAGACGCTCTAAATTACCTCAAAGCCTTCTCCATGATGTCGAGAAAGCAGCATTTGATGAGACTG
 AGCAAGATCTTACGCGGAGGTTGAAGGCTTTGAAGAAATGGAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001106645
- 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_001106645.1](#), [NP_001100115.1](#)

RefSeq Size: 4549 bp

RefSeq ORF: 1797 bp

Locus ID: 297989

Cytogenetics: 5q22