

Product datasheet for **RN203196**

Ddx42 (NM_001107059) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ddx42 (NM_001107059) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ddx42
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF:

>RN203196 representing NM_001107059

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGAATTGGAATAAAGGTGGACCTGGAACCAAGCGGGGTTTGGCTTTGGAGTTTTGCCATCAGTGCTG
GGAAGAAGGAGGAAGCCAAGCTGCCGCAGCAGTCGCACAGTGCCTTCGGGGCGGCCAGCTTCTTCTGG
ATTTGGAAGTCTGCTCCACCACAGCTTCTTCTTCTACAAAATTGGATCTAAACGGGCCAACTTTGAT
GAAGAAAATGCTTATTTGAGGATGAAGAAGAAGACTCCAGCAATGTAGACTTACCTTACATTCTGCTG
AAAACCTCGCTACCCGCCAGCAGTTCGGATCCAAGCCAGCAGACTCTGACAGTGACGACGCCCTTAGA
GGCATTTCATGGCTGAAGTAGAGGATCAGGCGGCTAGAGACATGAAGAGACTTGAGAAAAGGACAAGGAA
AGAAAAACGTAAGGGTATTGAGATGACATTGAAGAGGAAGATGACCAAGAAGCTTATTTTCGATACA
TGCCAGAAAACCAACTGCTGGGTAGTTCAGGAGGAAGGAAGACAATCTGGAGTATGATAGTATGG
AAATCCAATTGCACCTTCTAAAAAGATTATCGATCCCCTTCTCCATTGATCATTTCGGAGATTGACTAT
CCACCATTGAAAAAATTTTTACAATGAACATGAGGAGATAACCAACCTCACTCCACAGCAGCTAATAG
ACCTGCGGCATAAACTCAACCTTCGGGTCTCTGGTCTGCACCTCTAGACCAGGAAGTAGTTTTGCTCA
TTTTGGTTTTGATGAACAACTTATGCATCAGATTAGGAAATCTGAGTACACACAGCCAACCTCCAATACAG
TGTCAGGGTGTGCCCGTAGCACTAAGTGGTAGAGACATGATCGGTATTGCTAAAACAGGCAGTGGGAAAA
CCGCAGCCTTTATTTGGCCCATGTTGATTCACATAATGGATCAGAAGGAGTTGGAACCAGGTGATGGACC
AATTGCAGTGATTGTGTCTACTAGGGAGCTTTGTCAACAGATCCACGCCGAGTGAAGCGTTTTGGG
AAAGCATATAATCTTCGATCAGTGGCAGTATATGGAGGAGGAGCATGTGGGAGCAGGCCAAGGCCCTTC
AGGAAGGGGCAGAGATTGTTGTGTACCCCGGTCTGGCTGATGATCATGTGAAGAAAAAGCTACCAA
TCTTCAAAGAGTCTTTACCTTGTGTTGATGAAGCTGATCGAATGTTTCGACATGGGGTTTGAGTATCAG
GTTCCGGTCCATAGCAAGTCATGTCCTGCTGACAGACAACTCTTTATTCAGTGCAACTTTTCGAAAA
AGATTGAAAAATGGCCAGAGACATCTTGATTGATCCTATCCGAGTGGTACAAGGAGACATCGGAGAGGC
AAATGAAGACGTAACACAGATTGTGGAGATTCTCCATTCTGGACCTAGTAAATGGAAGTGGCTCACTCGG
CGTCTGGTAGAGTTTACTTCTCCGGGAGTGTCTTGTGTTGTTACCAAGAAAGCCAACGCTGAAGAAC
TGGCCAATAACCTTAAGCAGGAGGGTCATAATCTTGGTCTGCTCCATGGGGACATGGATCAGAGTGAAG
AAACAAGGTCATTTTAGATTTTAAAGAAAAAGACATCCCGTCTGGTGGCCACTGACGTTGCAGCCCGT
GGTCTGGATATCTTCAATTAAGACAGTCATTAATATGATGTTGCACGAGACATTGATACCCATACTC
ATAGGATTGGCCGAACAGGAAGAGCTGGTGAGAAGGGTGTAGCCTATACCTTACTGACCCAAAGGACAG
CAATTTTCTGGTGGTACCTTGTACGGAACCTGGAAGGAGCCAACCAACATGTTTCTAAGGAACTCTTAGAT
CTCGCAATGCAGAACGCCTGGTTTCGGAAGTCACGCTTCAAAGGAGGGAAAGGCAAAAAGCTGAACATCG
GTGGAGGAGGCTTGGGCTATAGAGAGCGGCTGGGCTGGGCTCTGAGAATTCGGACCGAGGAAGTAACAA
CAATGTAATGAGCAATTATGAAGCTACAAGCCCTCCACAGGAGCCATGGGAGATAGGCTGACAGCAATG
AAAGCAGCTTCCAGTCCAGTATAAGAGTCACCTTGTGTCAGCCAGTTAAGTAATCAGAAGGCCGGAA
CCTCTACTGCTGGGGCAAGTGGATGGACTAGTGCAGGAAGCTTAAATCTGTTCCAATAATTGAGCACA
GCAGGGCCATAATAGTCTGCAATCCCATCACCAGTTCTACCAAGAACATCCCAGGCTTCAACAATTCT
GGGAATATCAGTAGTGCCCCAGTGACCTACCCTTCTATTGGAGCCCAAGGAGTCAACAACACAGCTTCA
GGAGTAACAGCCGTGAAGGGATTGGGGTGGCAATGGGAAAAGAGAGAGATATACTGAGAACCGGGTGG
TGGCCGTATAGCCATGGAGACAGTGGCAATCGACATGGAGATGGTGGCCGCCATGGAGATGGATACCGT
TACCCAGAAAGCAGTAGCCGTATACGGATGGCCACCGACATGGAGAGACCAGGCACGGAGGAAGTGCAA
GCAGACATGGAGAAAGCCGGGTGCAAATGATGGCAGGAATGGAGAAAGCAGGAAAGAAGGCTTTAATCG
TGAAAACAGGATGGACCCCAAGGTGGACAGCAGCAGGATGGACAAAGTGGACAGCAAGACAGATAAGACA
CCTGATGGCTTGTCTGTTCCAGAGCCACCCAAACGAAGAAAAGCCGATGGGATAGT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:	NM_001107059
Insert Size:	2790 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_001107059.1</u> , <u>NP_001100529.1</u>
RefSeq Size:	4068 bp
RefSeq ORF:	2790 bp
Locus ID:	303607
Cytogenetics:	10q32.1