

Product datasheet for **RN217050**

Ddx3 (NM_001167665) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ddx3 (NM_001167665) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ddx3
Synonyms:	Ddx3y
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN217050 representing NM_001167665
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGCGGAAAATACGGTTGGCCTTGACCAGCAATTTGCTGGTCTTGACATGAACTCAGATAATCAGA
 ATGGAGGAGTTAGTACAGAAAGCAAAGGCGCTATATACTCCTCACTTAAGGAACAGAGAAACATCTAA
 AGGTGTCTGTGATAAAGGACAATTCAGGGTGGAGTAAAGATAAAGATGCCTACAGCAGTTTTGGATCTCGG
 GATTCCAGAGGAAAACCAATTAATTCAGTGATCGTGGAGTGGATCCAGAGGAAGGTTTGATGATCCTG
 GTCGAAGTGACTATGATTGATTGCCAGTCTGACCGAAGTGGATTTGGCAAATTTGAACGAAGTGGTTA
 TAGTCGTTGGGGTGACAAATCAGATGAAGATGATTGGTCAAACCACTCCACCAAGTGAACGCTTAGAG
 CAAGAATTTTCTCTGGAGGTAATGCAGGGATTAATTTGAGAAATATGATGATATACCAGTAGAGGCAA
 CTGGAAATAATGTCCTCCTCACATTGAAAATTCAGTGATGTTGAGATGGGAGAAATTATCATGGGAAA
 CATTGAACTTACTCGTTACACTCGTCTACTCCAGTTCAGAAACATGCTATTCCAATTATTAAGAAAAA
 AGGGACTTAATGGCTTGTGCTCAAACAGGGTCTGGATGTACTGCTGCATTTCTACTACCCATTCTCAGTC
 AGATTTACACAGATGGTCCAGGAGAGGCTTTGAAGGCTATGAAGGAAAACGGAAGATATGGTCGCCGTAA
 ACAATACCCAATCTCCTTGGTGTAGCTCCAACAAGAGAATTGGCTGTGCAGATCTATGAGGAAGCCAGA
 AAATTTTCGTACCGGTCTAGAGTCCGACCTTGTGTAGTGTATGGTGGTGTGATACTGTTCAACAGATTC
 GGGACTTAGAACGAGGATGCCACTTGTAGTTGCCACACCAGGACGCTAGTGGACATGATGGAAAGAGG
 AAAGATTGGACTAGATTTCTGCAAACTTAGTGTGGATGAAGCTGACAGGATGCTGGATATGGGATTT
 GAACCTCAGATACGTCGTATAGTTGAACAGGACACTATGCCACCAAGGGAGTTCGTACACCATGATGT
 TTAGTGCTACTTTTCTAAGGAGATACAGATGCTTGTCTGCTGACTTTTTAGATGAATACATCTTTCTGGC
 TGTAGGCAGAGTAGGCTCTACTTCTGAGAACATCACACAGAAAGTAGTATGGGTTGAAGAGTTAGACAAA
 CGGTCAATTTTTACTTGATCTCTTAAATGCAACAGGAGGGATTATTGACTTTAGTATTTGTGGAGACTA
 AAAAGGGTGCAGATTCAGTGGAGAATCTTATTTCAAGAAAGATATGCATGACTAGTATTCATGGAGA
 CAGGTCACAGAAAGATCGAGAGGAGGCCCTCACCAATCCGCTCAGGGAGGAAGCCAATTTTAGTGGCT
 ACAGCTGTGGCAGCAAGAGGCTAGACATTTCAAATGTGAAACATGTTATCAATTTTGATTTGCCAAGTG
 ATATTGAAGAATATGTGCATCGTATTGGCCGCACAGGACGCGTAGGAAACCTTGGTCTTGCCACCTCCTT
 TTTCAATGAGAGGAATTTGAACATTACGAAAGATTTGTTAGATCTCCTCGTTGAGGCTAAACAAGAAGTA
 CCATCTTGGTTGAAAGTATGGCTTATGAACACCACTACAAGGAAACAGCCGGGACGTTCTAAAAGCA
 GATTCAAGTGGAGGATTTGGTGCCAGAGACTATCGACAGAGCAGTGGTTATGCAAATTCGGGTTAATAA
 TAATCGTGCCAACAGCAGCCGAAGTGGTAGTACCCACAACAGAGGATTTGGTGGAGGTGGCTATGGA
 GGTTTCTACAGCAATGAAGGATATGGAGGAAATTATAACTCCCAGGCAGTTGACTGGTGGGGCAAT**TGA**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_001167665

Insert Size: 1959 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:	<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_001167665.1, NP_001161137.1</u>
RefSeq Size:	3087 bp
RefSeq ORF:	1959 bp
Locus ID:	100312982
Cytogenetics:	Yq11