

Product datasheet for **RN208263**

Dhx40 (NM_001005873) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dhx40 (NM_001005873) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dhx40
Synonyms:	MGC94894
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN208263 representing NM_001005873

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCCCGGTTTCCCGCCGTCGCGGGCAGGGCGCCAAGGCGGCAGGAGGAGGGCGAGCGGCCAGTAGAGC
TCCAGGAAGAGCGGCCGTCAGCTGTTTCGCATCGCTGACAGAGAAGAGAAAGGATGCACATCACAGGAGGG
AGGAACAACCTCCAACGTTTCTATTAGAAACAAAGAAAAAGCTCATTCAAGCTGTGAGGGACAATTTCG
TTCCTCATCGTTACTGGAATACAGGAAGTGGTAAACAACCTCAACTCCCTAAATACCTTTATGAAGCAG
GGTTTTACAGCATGGTATGATTGGTGAATCAGCCACGAAAGTCGTCGCATATCAGTTGCTCAGAG
GGTTGCTGAAGAAATGAAATGCACTTTGGGATCTAAAGTTGGATACCAAGTTCGTTTTGATGATTGCAGC
TCCAAGGAAACAGCAATCAAATACATGACTGATGGGTGTTTACTCAAACATATTTTGGGAGATCCAAATC
TTAACAATTCAGTGTCATTATTTGGATGAAGCCCATGAAAGAACTTTAACTACAGATATCTTATTTGG
TTTACTGAAGAAGCTGTTTCAGGATAAGTCTCCTAACAGGAAAGAACATTTAAAGGTGGTGGTATGTCA
GCAACTATGGAGCTAGCCAAGCTCTCTGCATTCTTTGGAATTGCCCATATTTGATATACCTGGAAGAC
TCTATCCAGTCAGAGAGAAATCTGCAATTTGATTGGCCACGAGACAGAGAAAACTGCATATATTCA
AGCGATTGTGAAAGTGACCATGGATATTCATTTGAATGAAATGGCTGGAGACATCTTAGTTTTCTGACT
GGCCAGTTTGAGATAGAGAAGAGCTGTGAGCTGCTTTTCAGATGGCGGAGTCTGTTGACTATGATTACG
ATGTGCAAGACACCACGCTCGATGGCTTGTGATCCTGCCCTGTTATGGCTCTATGACAACAGATCAACA
AAGGAGAATATTTTGCACCTCCACCTGGAATTAGAAAATGTGTTATATCCACCAATATTTCTGCAACA
TCTTTGACAATAGATGGGATCAGGTATGTGGTGGATGGAGGCTTTGTGAAACAATTAATCACAATCCGA
GGTTAGGGCTGGACATCCTGGAGGTGGTTCCTATATCAAAAAGTGAAGCATTACAGCGAAGTGGCCGAGC
TGGCAGGACTGCCTCAGGAAAAATGCTTTAGGATTATAGTAAAGATTTTGGAAACCAAGTGTATGCCTGAT
CATGTGATCCCAGAGATTAAGAGAACTAGTTTGACATCTGTAGTTCTGACATTAAGTGCCTTGCCATAC
ATGATGTCATAAGGTTTCCATATTTGGATCCACCTAATGAGAGACTTATTTTGAAGCACTTAACAGCT
TTACCAGTGTGATGCTATTGACAGGAGTGGTCATGTGACAAGATTGGGTTTATCCATGGTGGAGTTCCT
CTTCCCCACATCTGACGTGTGCACTGATCAGGGCTGCTTCTCTTGATTGTGAAGATTGCTGCTTCCAA
TAGCAGCAATGCTATCTGTGGAATGTCTTCATCAGACCTGTTGATCCAGAGTATCAGAAGGAAGCAGA
ACAGAAACATCGGAATTGGCAGCAAAAGCTGGAGGATTAATGACTTTGCAACTTAGCCGTCAATTTT
GAACAGTGCAAAATCAAGTGGAGCTCCAGCTTCGTGGTGCCAAAAGCACTGGATTCACTGGCGGTGCTTAT
TTTCTGCGTTCCGTGTGGAAGCTCAACTTCGGGAAGTATCAGGAACTCAAACAGCAAAAGTGAATTTCC
AAGAGAGACTTTTGAAGGCCCTAAACATGAAGTACTACGAAGATGTCTTTGTGCAGGCTACTTCAAAAAT
GTTGCTCGAAGATCTGTTGGCAGAACATTTGTACAATGGATGGGCGTGGAGTCCAGTTTCATATTCATC
CTTCCTCAGCACTTCATGAACAGGAAACGAACTTGAATGGATAATTTTTCATGAAGTATTAGTTACCAC
CAAAGTCTATGCAAGAATTGTGTGTCGAATCCGTTATGAATGGGTGAGAGACTTACTACCAAGTTGCAT
GAACTTAATGCACATGATCTGAGCAGTGTGGCTAGACGTGAAATGAGAGACGATGCAAGAAGAAAATGGA
CAAATAAGGAAAATGTGAACAGCTAAAGGATGGAATATCAAAAAGATTTTAAAGAAAATGCAAGAAG
AAATGATGACAAATCCATATCAGATGCGCGGGCTCGTTTCCTTGAGAGAAAGCAACAGAGAATCCAGGAC
CACAGTGACACATTAAAGGAAACAGGC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:

NM_001005873

Insert Size:

2340 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:	<u>NM_001005873.1</u> , <u>NP_001005873.1</u>
RefSeq Size:	2825 bp
RefSeq ORF:	2340 bp
Locus ID:	287595
UniProt ID:	<u>Q5XI69</u>
Cytogenetics:	10q26
Gene Summary:	Probable ATP-dependent RNA helicase.[UniProtKB/Swiss-Prot Function]