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Product datasheet for MC218437

Ddx28 (NM_028038) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ddx28 (NM_028038) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ddx28
Synonyms:	2410004K13Rik; AI449652; Mddx28
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

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Fully Sequenced ORF:

>MC218437 representing NM_028038
Red=Cloning site Blue=ORF Orange=Stop codon

CTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCCGGCGC
GCCC

ATGGCTTTAGCCGGGCCATCGCGGCTGCTGGCGTTAGCAGTACGGTTGCTTCTGGAGCCTCGACGGAACC
TAGTGGTGCGCGGTTCCGACCAGTCCTTGCCAGTGGTGCGCGTTCCGCGGGCTCTGCAGCGACGGCAGGA
ACAGCGACAGAGCGGCCGTGGGAGTTTGCAGCGGCCAGTGCTAGTGCGCCCCGGTCCCCTGCTGGTCTCG
GCGCGGCGGCCGGAGTTGAACCAGCCCGCACGCCTCACGCTGGGCCGTTGGGAGCGAGCGCCACTGGCTT
CCCGTGGCTGGAAGCATCGGCGATCGCGGCAAGACCATTTCTCCATAGAGCGAGTGCAGCAAGAGGCGCC
CGCCCTGAGGAACCTCTCGTCCCGGGGCAGCTTCGTGGACCTGGGTCTGGAACCCCGAGTGCTGCTGGCG
CTTCAGGAGGCTGTCCCCGAAGTTGTGCAGCCAACCTCAGTGCAGTCGAAAACCATCCCCCCACTGCTTC
GAGGCCGCCACCTCCTTTGCGCTGCGGAAACTGGCAGTGGCAAGACGCTTAGCTACCTACTGCCCCTATT
TCAGCGGCTCCTGAGAGGGTCAGACCTGGACTCCCGCAGTTTCACGGCTCCTCGAGGCTTGGTTCTGGTA
CCTTCCCGAGAACTAGCCGAACAGGTGCAGGCAGTGGCCCAGTCACTGGGTGGGTACTTGGGCCTGCAGG
TGATAGAACTTGGCGGAGGCCTCGGGATGAGTAGGCTCAAACTTCAGCTGTATAGACGACCGGCAGCCGA
TGTGTTAGTGGCTACTCCAGGGGCGCTGTGGAAGGCTCTGAAAAGTCAACTGATCAGCTTACAGCATCTT
AACTTCATAGTGCTAGATGAAGTAGACACACTGCTAGATGAAAGCTTCCTGGAACTGGTGGACTACATCT
TGGAAAAGAGCCCTATAGCAGAAAGTCCAGCCGAGTTAGAAGACCCCTTTAATCCCAAAGCCCAGTTAGT
GCTGGTGGGAGCCACGTTTCCAGAAGGCCTAAACCAGTTACTGAGTAAAGTCACCAGTCCAGACAGTCTG
ACCACCATTACCAGCTCCAAGCTGCACTGTCTCATGCCTCATGTCAGACAGACATTTATGAGACTGAAGG
GAGCAGACAAGGTGACAGAACTGGTTCAGATCCTCAAACAGCAGGACAAAGCAAGTAAGACGGAACCCTC
GGGAACTGTCCTGGTATTCTGCAACAGCGCCAGCACCGTGAACTGGCTTGGGTACATTCTGGATGACCAC
AAGATTCAACATCTAAGGCTGCAAGGGCAAATGCCGGCCTCAATGAGGGCAGGTATCTTCCAGAGTTTCC
AGAAGGGCTCCCAGAACATACTTGTCTGCACAGACATCGCCTCCCGAGGCCTAGACAGTGTCCACGTGGA
AGTGGTTATCAATTACGATTTCCCCCCTACCCTGCAGGATTACATCCACAGAGCAGGAAGGGTGGGTCGT
GTGGGCAGCGAAGTGCCAGGGTCCGTTATCAGTTTTGTGACCCACCCCTGGGATGTGAGCCTGGTTCAGA
AAATTGAACTGGCAGCTCGCCGAAGGAGAAGCCTTCCAGGACTAGCATCTTCAGTGGGGGACCCTTTGCC
TCAAAAGGCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: AscI-MluI

ACCN: NM_028038

Insert Size: 1623 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).

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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_028038.3, NP_082314.2
RefSeq Size:	1871 bp
RefSeq ORF:	1623 bp
Locus ID:	71986
UniProt ID:	Q9CWT6
Cytogenetics:	8 D3
Gene Summary:	Plays an essential role in facilitating the proper assembly of the mitochondrial large ribosomal subunit and its helicase activity is essential for this function. May be involved in RNA processing or transport. Has RNA and Mg(2+)-dependent ATPase activity (By similarity). [UniProtKB/Swiss-Prot Function]

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