

Product datasheet for **MR206813**

Ddx39 (NM_197982) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ddx39 (NM_197982) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ddx39
Synonyms:	2610307C23Rik; BAT1; Ddx39a; DDXL; URH49
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide
Sequence:

>MR206813 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCAGAACAGGATGTGAAAAATGAACTTTTGGATTATGATGAAGATGAAGAGCCCCAGGCACCCAGG
AGAGCACTCCAGCTCCCCGAAGAAAGATGTCAAAGGATCTTATGTCTCCATCCACAGTTCTGGCTCCG
GGACTTTCTACTGAAGCCAGAGCTCCTGAGAGCTATAGTTGACTGTGGCTTTGAGCATCCTTCAGAGGTC
CAGCATGAGTGTATCCCCAGGCCATTCTGGGTATGGATGTCCTGTGCCAGGCCAAGTCTGGGATGGGCA
AGACAGCTGTGTTGTGCTGGCCACCCTGCAGCAGATTGAGCCTGTCAATGGCCAGGTATCAGTCTGGT
CATGTGCCACACGAGGGAGCTGGCCTTCCAGATCAGCAAGGAGTATGAGCGCTTCTAAGTACATGCC
AGTGTTAAGGTTTCTGTGTTCTTTGGAGGCTCTCCATTAAGAAGGATGAAGATGTGTTGAAGAAGAACT
GTCCTCATGTTGGTGGGGACACCAGGCCGGATCCTGGCACTTGTGCGGAGCAGGAGCCTCAACCTGAG
GAATGTGAAGCACTTTGTGCTAGATGAATGTGACAAGATGCTGGAACAGCTGGACATGCGCCGGGATGTA
CAGGAGATCTTTGCTGCTGACACCCACGAGAAGCAGTGTATGATGTTACGCGCCACCCTGAGCAAGGAGA
TCCGGCCAGTCTGCAGGAAGTTCATGCAGGATCCTATGGAGGTGTTTGTGGACGACGAGACCAAGCTCAC
ACTGCATGGGCTGCAGCAGTATTACGTCAAAGTCAAGGACAGTGAGAAGAACCCTAAGCTCTTCGACCTC
CTCGACGTGCTAGAGTTAAACCAGGTGGTATCTTTGTCAAGTCTGTGCAACGCTGCATGGCCCTGGCCC
AGCTCCTAGTGGAGCAGAATTTCCAGCTATCGTATTCACCGAGGCATGGCCAGGAGGAGCGCCTGTC
CCGATACCAGCAGTCAAGGACTTCCAGCGACGAATCCTGGTGGCTACTAATCTGTTTGGCAGAGGTATG
GACATTGAGCGAGTCAACATTGTCTTCAACTATGACATGCCAGAGGACTCAGACACCTACCTTACCCGAG
TGGCTCGTGCTGGTGGCTTTGGTACCAAGGGCCGGCAGTCACTTTTGTATCGGATGAAAATGATGCCAA
AATCCTTAATGATGTTCCAGGACCGGTTGAAGTGAATGTAGCTGAGCTTCCAGAGGAAAATAGATATCTCC
ACATACATTGAGCAGAGCCGG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR206813 protein sequence
Red=Cloning site Green=Tags(s)

MAEQDVENELLDYDEDEEPQAPQESTPAPPKDVKGSYVSIHSSGFRDFLLKPELLRAIVDCGFEPHSEV
QHECIPQAILGMDVLCQAKSGMGKTAVFVLATLQQIEPVNGQVSVLVMCHTRELAFQISKEYERFSKYMP
SVKVSVFFGGLSIKKDEDVLLKNCPHVVVGTGPRILALVRSRSLNLRNVKHFVLDCEKMLEQLDMRRDV
QEIFRLTPHEKQCMMSATLSKEIRPVCRKFMQDPMEVFVDETKLTLHGLQQYYVKLKDSEKNRKLFDL
LDVLEFNQVVIFVKSQRCMALAQLLVEQNFPAAIHRGMAQEERLSRYQQFKDFQRRILVATNLFGRGM
DIERVNIVFNYPEDSDTYLHRVARAGRFGTKGLAVTFVSDENAKILNDVQDRFEVNVVAVELPEEIDIS
TYIEQSR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



* The last codon before the Stop codon of the ORF

ACCN: NM_197982

ORF Size: 1284 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_197982.3](#)

RefSeq Size: 1659 bp

RefSeq ORF: 1284 bp

Locus ID: 68278

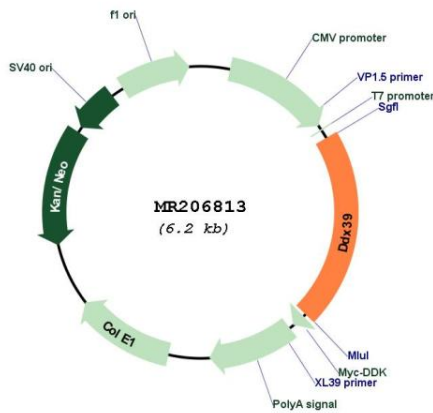
UniProt ID: [Q8VDW0](#)

Cytogenetics: 8 C2

MW: 49.1 kDa

Gene Summary: Involved in pre-mRNA splicing. Required for the export of mRNA out of the nucleus (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR206813