

Product datasheet for **MG206813**

Ddx39 (NM_197982) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ddx39 (NM_197982) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Ddx39
Synonyms:	2610307C23Rik; BAT1; Ddx39a; DDXL; URH49
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG206813 representing NM_197982 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCAGAACAGGATGTGGAAAATGAACTTTTGGATTATGATGAAGATGAAGAGCCCCAGGCACCCAGG
AGAGCACTCCAGCTCCCCGAAGAAAGATGTCAAAGGATCTTATGTCTCCATCCACAGTTCTGGCTTCCG
GGACTTTCTACTGAAGCCAGAGCTCCTGAGAGCTATAGTTGACTGTGGCTTTGAGCATCCTTCAGAGGTC
CAGCATGAGTGTATTCCCAGGCCATTCTGGGTATGGATGTCCTGTGCCAGGCCAAGTCTGGGATGGCA
AGACAGCTGTGTTTGTGCTGGCCACCCTGCAGCAGATTGAGCCTGTCAATGGCCAGGTATCAGTCTGGT
CATGTGCCACACGAGGGAGCTGGCTTCCAGATCAGCAAGGAGTATGAGCGCTTCTAAGTACATGCC
AGTGTTAAGGTTTCTGTGTTCTTTGGAGGCCTCTCCATTAAGAAGGATGAAGATGTGTTGAAGAAGAACT
GTCCTCATGTTGTGGTGGGGACACCAGGCCGGATCCTGGCACTTGTGCGGAGCAGGAGCCTCAACCTGAG
GAATGTGAAGCACTTTGTGCTAGATGAATGTGACAAGATGCTGGAACAGCTGGACATGCGCCGGGATGTA
CAGGAGATCTTTCGTCTGACACCCACGAGAAGCAGTGTATGATGTTTCAGCGCCACCCTGAGCAAGGAGA
TCCGGCCAGTCTGCAGGAAGTTCATGCAGGATCCTATGGAGGTGTTTGTGGACGACGAGACCAAGCTCAC
ACTGCATGGGCTGCAGCAGTATTACGTCAAGCTCAAGGACAGTGAAGAAGAACCGTAAGCTCTTCGACCTC
CTCGACGTGCTAGAGTTTAACAGGTGGTATCTTTGTCAAGTCTGTGCAACGCTGCATGGCCCTGGCC
AGCTCCTAGTGGAGCAGAATTTCCAGCTATCGCTATTCACCGAGGCATGGCCCAGGAGGAGCGCCTGTC
CCGATACCAGCAGTTCAAGGACTTCCAGCGACGAATCCTGGTGGCTACTAATCTGTTTGGCAGAGGTATG
GACATTGAGCGAGTCAACATTGTCTTCAACTATGACATGCCAGAGGACTCAGACACCTACCTTCACCGAG
TGGCTCGTGGTTCGCTTTGGTACCAAGGGCCTGGCAGTCACTTTTGTATCGGATGAAAATGATGCCAA
AATCCTTAATGATGTTTCAGGACCGTTTGAAGTGAATGTAGTGAAGTTCAGAGGAAATAGATATCTCC
ACATACATTGAGCAGAGCCGG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG206813 representing NM_197982
Red=Cloning site Green=Tags(s)

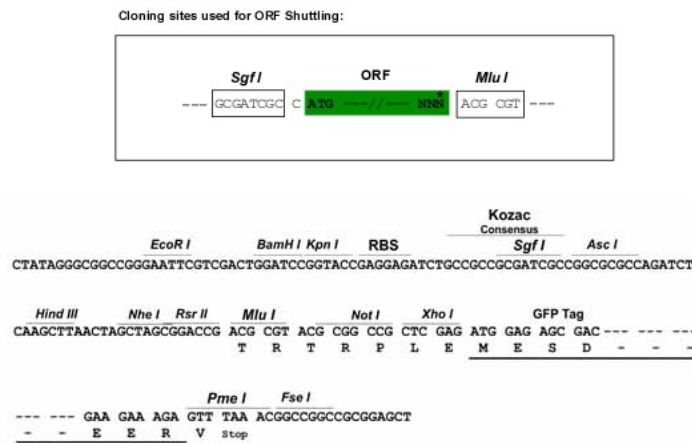
MAEQDVENELLDYDEDEEPQAPQESTPAPPKDKVSGSYVSIHSSGFRDFLLKPELLRAIVDCGFEPHSEV
 QHECIPQAILGMDVLCQAKSGMGKTAVFVLA TLQQIEPVNGQVSVLVMCHTRELAFQISKEYERFSKYMP
 SVKVSVFFGGLSIKKDEDVLLKKNCPHVVGTPGRILALVRSRSLNLRNVKHFVLDCECDKMLEQLDMRRDV
 QEIFRLTPHEKQCMFSA TL SKEIRPVCRKFMQDPMEVFVDDETKLT LHGLQQYYVVKLKDSEKNRKLFDL
 LDVLEFNQVYVIFVKSQRCMALAQLLVEQNFPATAIHRGMAQEERLSRYQQFKDFQRRILVATNLFGRGM
 DIERVNIVFNYPDMPEDSDTYLHRVARAGRFGTKGLAVTFVSDENDAKILNDVQDRFEVNVVAELPEEIDIS
 TYIEQSR

TRTRPLE - GFP Tag - V

Chromatograms: https://cdn.origene.com/chromatograms/ja2436_a12.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



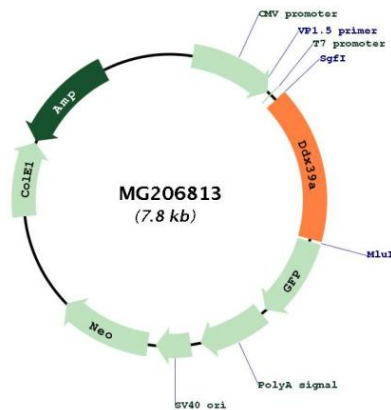
ACCN: NM_197982

ORF Size: 1281 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:	<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_197982.3</u>
RefSeq Size:	1659 bp
RefSeq ORF:	1284 bp
Locus ID:	68278
UniProt ID:	<u>Q8VDW0</u>
Cytogenetics:	8 C2
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 MG206813