

Product datasheet for **MG222232**

Ddx19b (NM_001190786) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ddx19b (NM_001190786) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Ddx19b
Synonyms:	2810457M08Rik; 4921519L13Rik; AW260119
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG222232 representing NM_001190786
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTTGCGCCCGCATGGCCGGAGCTGCTGGCCGGTCTGAGGTCGAGCCCGAGCCCGAGCCCAAGCCCAAG
 CTCGGAATCCACTTTCCCTGCCCTGACTGGTTTGGAGCAACTGCATCTTAAGGAGGAGAAAATCAAACC
 AGATGCCAATGGTGTGTGTTAAGACCAATGCAAACACAGAGAAGACAGAGGAAGATGAGAAAAGAGGAC
 AGAGCTGCTCAGTCTTTACTCAACAAGCTGATCAGAAGCAATCTTGTGGATAACACCAACCAAGTGAAG
 TCCTGCAGAGGGACCAAGCTCCCGCTCTACTCAGTGAAGTCTTGAAGAGCTTCGCCTGAAACCACA
 GCTTCTCCAGGGAGTCTATGCTATGGGTTTCAACCGCCCTTCCAAAATACAGGAAAATGCATTGCCTTTG
 ATGCTTGTGAACCCCCACAGAACTTAATTGCCAGTCTCAGTCTGGTACGGGTAACACAGCTGCCTTTG
 TTTTGGCTGTGCTCAGCCAAGTAGAGCCTGCAAACAAGTTGCCAGTGTCTCTGCCTCTCTCAACCTA
 TGAGCTTGCTCTCAAACAGGAAAAGTGATTGAGCAGATGGGCAAGTTTTACCCTGAACTGAAGCTAGCT
 TATGCTGTTCGAGGCAACAAATTGGAGAGGGGTGAGAAGGTGAGTGAAGCAGATTGTCATTGGCACCCCG
 GGACCGTCTGGACTGGTGTCCAAAGTGAAGTTCATTGACCCCAAGAAGATCAAGGTGTTTGTCTGGA
 CGAGGCTGATGTGATGATAGCGACTCAGGGCCACCAAGACCAGAGCATCCGCATCCAGAGGATGCTGCC
 AGAAACTGCCAGATGCTGCTTTTCTCGGCCACCTTTGAAGACTCGGTGTGGAAGTTTGCCAGAAGGTGG
 TCCCAGACCCCAACATCATCAAGCTGAAGCGTGAGGAGGAGACTTGGACACCATCAAACAGTACTACGT
 CCTCTGCAATAACAGAGAGGAGAAGTCCAGGCCCTGTGCAATCTGTATGGGGCCATCACCATCGCCAA
 GCCATGATCTTCTGCCATACCCGCAAAAACAGCTAGCTGGCTGGCAGCAGAGCTCTCAAAGAGGGCCACC
 AGGTGGCCCTGCTGAGTGGAGAGATGATGGTGGAGCAGAGGGCTGCGGTGATCGAGCGCTTCCGGAAG
 CAAAGAGAAGGTTCTGGTGACCACCAACGTGTGTGCCCGTGGTATCGATGTTGAACAGGTGTCTGTCGTC
 ATCAATTTTGACCTCCCTGTGGACAAGGACGGGAACCCAGACAATGAGACCTACCTGCACCCGATTGGGC
 GCACTGGCCGCTTTGGCAAGAGGGGTCTGGCGGTCAACATGGTGGACAGCAAGCACAGCATGAATATCT
 CAACAGGATCCAGGAGCATTTTAATAAGAAGATAGAAAGACTGGACACAGATGATTTGGACGAGATTGAG
 AAAATCGCCAAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG222232 representing NM_001190786
 Red=Cloning site Green=Tags(s)

MLRRDGRSCWPGRGRARARAQAQARNPLSLPLTGLSNLHLKEEKIKPDANGAVVKTNANTEKTEDEKED
 RAAQSLNKLIRSNLVDNTNQVEVLQRDPSSPLYSVKSFEEELRLKPQLLQGVYAMGFNRPSKIQENALPL
 MLAEPPQNLIAQSQSGTGKTAAFVLAVLSQVEPANKFAQCLCLSPYELALQTGKVIQMGKFYPELKLA
 YAVRGNKLERGQKVSEQIVIGTPGTVLDWCSKLFIDPKKIKVFLDEADVMIATQGHQDQSIRIQRMLP
 RNCQMLLFSAFEDSVWKFQKVVDPNIIKLRKEETLDTIKQYYVLCNNREEKFQALCNLYGAIITIAQ
 AMIFCHTRKTASWLAELSKEGHQVALLSGEMMVEQRAAVIERFREGKEKVLVTTNVCARGIDVEQVSVV
 INFDLPVDKDGNPDNETYLHRIGRTGRFGKRGLAVNMVDSKHSMLNRIQEHFNKIERLDTDDLDEIE
 KIAN

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_001190786

ORF Size: 1482 bp

OTI Disclaimer: 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_001190786.1](#), [NP_001177715.1](#)

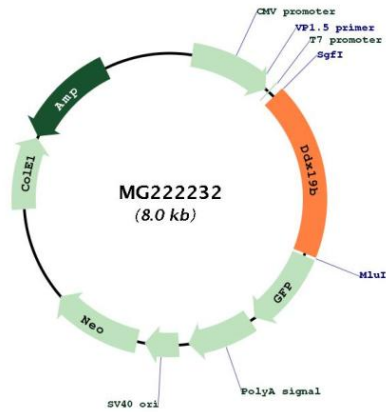
RefSeq Size: 6596 bp

RefSeq ORF: 1485 bp

Locus ID: 234733

Cytogenetics: 8 E1

Product images:



Circular map for MG222232