

Product datasheet for **MR207087**

Ddx26b (BC051161) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ddx26b (BC051161) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ddx26b
Synonyms:	4930535D10Rik; 6330505F04Rik; D130066O12
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide
Sequence:**

>MR207087 representing BC051161
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGCCATCCTGCTGTTCTCATAGATACGTCCGCCTCCATGAACCAGCGCACTGACCTGGGCACCTCCT
 ATTTGGACATTGCTAAAGGCGCTGTGGAGTTATTCTTGAAGCTGCGCGCCGGGACCCAGCCAGCCGCGG
 AGACAGGTACATGCTGGTCACCTACGATGAGCCTCCCTACTGCATCAAGGCTGGTTGGAAGGAAATCAC
 GCCACATTCATGAATGAAGTAAAAATCTCAGGCTTCTGGACTGACTACTCTTGGTCAGGCTCTAAGAT
 CCTCCTTTGATTGTAAATCTCAATAGATTAATATCTGGAATAGACAATTATGGACAGGGGAGAAATCC
 ATTTTTTTAGAGCCGCTATTTTAATTACCATCACAGATGAAACAAGTTAACAAGTACTGCTAGCGTT
 CAAGAAGAGCTTCATCTTCTTTGAATTCTCTCTGCCTGGAAGTGAAGTAAACAAAGAACCTTTTCGTT
 GGGATCAAAGGTTATTTGCCCTGGTGTTCGCTTTCCTGGAGTGGCTTCTACTGAGCCAGAGCAGCTAGG
 GAGTGTCCAAGTGATGAATCAGCCATCACACAGATGTGCGAGGTCACAGGAGGTCGCTCCTACTGTGTG
 AGAACACAAAGAATGTTAAATCAGTGTTTAGAGTCACTAGTTCAAAAAGTACAGAGTGGTGTAGTTATTA
 ATTTTGAGAAAACAGGACCGGATCCACTTCTGTTGGAGAAGACACACTGATGGAGTTGTGCAGGCCAAG
 CAACCTATTTGCTGCTCAACCGTGGCATAGTTGTCAAACTCATCTATGTGCGACCTAATTCTAAACT
 GGTGTTCTGTTGGACTGGCCAATCCAGAATCGTTTTGGCCAGAACAGAATTACCTTCACTACCTC
 CACGAACATCACATCCTGTTGTGAGGTTTTCTGTGTTGATTGTGAACCAATGGTTATAGACAACTTCC
 CTTTGACAAATATGAAGTGAACCGTCTCCCTTAAGTCACTATCTTGGAAAGAAAATCTCCTCATACT
 TGCTGGCAGGTGTTTGTACCAGCAGTTCAAAATATAATGAGCTTGGATATCCATTTGGTTATTTGAAAG
 CGAGTACTACTTTAACTTGTGTAAACCTCTTTGTGATGCCTTACAACCTACCCAGTCTTACTTCTCTTTT
 AGATGACTTGTTTAAAGTGCACAAGCTTAAGCCAAATCTGAAGTGGCGACAGGCTTTTGACAGCTACTTA
 AAAACTCTGCCTCCATACTACTTAATAGTATGTATTTTTTGTGTGTATATATGTATATGTAACTGTA
 AC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207087 representing BC051161
 Red=Cloning site Green=Tags(s)

MPILLFLIDTSASMNQRTDLGTSYLDIAKGAVELFLKLRRDPASRGDRYMLVTYDEPPYCIKAGWKENH
 ATFMNELKNLQASGLTTLGQALRSSFDLLNLNRLISGIDNYGQGRNPFFLEPSILITITDGNKLTSTASV
 QEELHLPLNSPLPGSELTKEPFRWDQRLFALVLRPLPGVASTEPEQLGSVPSDESAITQMCEVTGGRSYCV
 RTQRMNLQCLESLVQKVSQGVVINFECTGPDPLPVGEDTLMELCRPSNLF AAQPWHSCHKL IYVRPNSKT
 GVPVGHWP IPEFWPEQNLPSLPPRTSHPVVRFSCVDCEPMVIDKL PFDKYELEPSLTQYILERKSPHT
 CWQVFVTSSSKYNELGYPFGYLKASTTLCVNLFVMPYNYPVLLPLLDL FKVHKLKPNLKWRQAFDSYL
 KTLPPYYLIVCIFCVCIYVVVNCN

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: BC051161

ORF Size: 1332 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [BC051161.1](#)

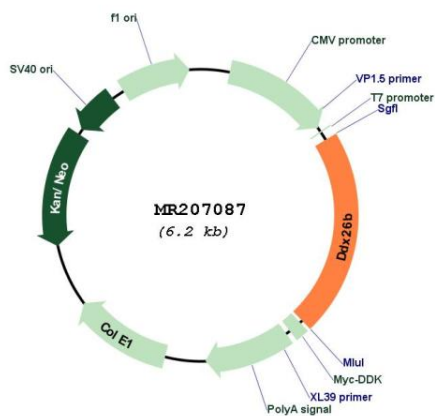
RefSeq Size: 4245 bp

RefSeq ORF: 1334 bp

Locus ID: 236790

Cytogenetics: X A6
MW: 155.7 kDa

Product images:



Circular map for MR207087