

Product datasheet for **MR212865**

Ddx31 (NM_001033294) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ddx31 (NM_001033294) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ddx31
Synonyms:	5830444G11Rik; Gm997
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

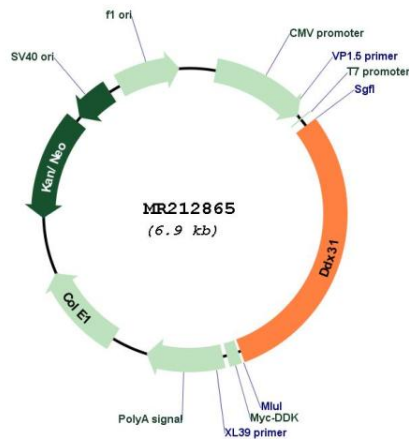
>MR212865 representing NM_001033294
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAGCGCAAGCAGAGGCTACCAAGAGAAAGCACCAAGTGTCCAGTGTGCTCCACCAGCAAACGGA
 GGAGTGAATATCCTCTGTTTTGGCCAAGAAAGCCAGTGATAAAGAACTCAGAGAACATTTAAAGGGAG
 TACACACAAAACGTTTCTCCAAAGAAGTATTTGGACAGTATAGCAATGGAAGGCAAGAGGAGAAGCCA
 TGCATCAAGACTTCATCGCTGTTAAAAACAACCTGAGATCCCAGAATCCACAGCACTGTAGTGAAGC
 AGGCTCGAGAGCAAGTGTCTCTCCAGAAGCTTCCAGGAGCTGGACCTCCACCCACATCTAATTTCTAC
 AATAAATACAGTCTTAAAAATGTCCAGTATGACCAGTGTTCAGAAGCAGAGTATCCAGTGTCTGTGAA
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 AGTCTCTCAAGCACTGACATCAAAAATACAGCGCAGTGTGACCGTATGCTTTGGTCTAGTGCCAC
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 GGAGTGTGATGGGTGGAGAGAAGGAAATCGGAAAAAGCTAGACTCCGAAAAGGCATAAATATCCTTA
 TCTCCACTCTGGCCGTCTAGTGGATCATATAAATCCCAAAGAACCTTCACTTTAACCGAATACGGTG
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 GCTGTCAATGCTGAGTGTGAGAAACGGCAGAAATGTCTCTGTGACGACACTCACAGAAGGTGTAACAC
 GGCTAGTTGATATCAGTTTGACAATCCAGTCAATCTCTGTCTGGACAAAACCTGCAACCAGCCCAA
 TCCTAAGGAAGTTGCTAGTATCCAGCTCAACAGCTTTGCCATACCAGAGAGTCTCGACCAGCATGTGGT
 TTGGTTCCAGCAAGCTACGCTTGTCTGCCTTGACGCTTTCATCTGCAAAAGTGAAGTTTGAGAAGA
 ACCAGAAGATGATTGCTTTTTCTCAAGTTGTGAATTGGTGGAGTCCACTACAGCCTCTTCTTCCACAC
 CCTGCTTTGCCACTCAGGGACCCCTACTTCAGAGCATCTGCCATCTGCCTCTGGCCACTGAAATTCCTT
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 CAGTGTCCGCTTCCACTGCAGAGTACATTCACCGCATCGGAAGAACTGCCCGATTGGCTGTCATGGG
 AGCAGCTGCTCATTTTGGCTCCTTCGGAGGCAGAAATGTCAACTCGTTGGCTTCTCACAAAATCAATG
 TTGGTGAGATTAAGATGGAAGATATTTTGGCTGTCTGGCAAAGGATGATTGTTTTAAAGGAGACAAAG
 GGGAGCCAGAAATCCCCTGCCAGTGGCCCCAGGAAATCCGAGAAGCAGCCACAGTATTGCAGACAGTG
 TTTGAAGATTATGTGACTCCAGTCAAGGATGGTCTCCTGGGCTAAGAAAGCCCTGCAGTCTTATCC
 GAGCCTATGCCACCTACCCAAGGAGCTGAAGTCCATCTTCCATGTCCGAGCCCTACACCTTGGGCACGT
 GGCTAAGAGTTTTGGACTAAGAGATGCTCTAGAAACCTCAGTGTCTCTGCTGTGAAGAAGGCAAGCTTA
 AAAAGGCCTCACCTCGGAGGAAGACGCAGAGGAAGCAGCACCTTGTGCCTGCTGAAGTCTGCACTCAG
 AACACTCAAGTGGGCTGGAGGGTGGTCCACGAAGTGCAGAAAGCAAGGCAAAACAACAGGGCCTTCAGT
 GGCACCCAGCAAGCCGGGGCCGTGGAGAGAA

ACGCGTACGCGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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_001033294.3</u> , <u>NP_001028466.2</u>
RefSeq Size:	3328 bp
RefSeq ORF:	2064 bp
Locus ID:	227674
UniProt ID:	<u>Q6NZQ2</u>
Cytogenetics:	2 A3
MW:	77.4 kDa
Gene Summary:	Probable ATP-dependent RNA helicase (By similarity). Plays a role in ribosome biogenesis and TP53/p53 regulation through its interaction with NPM1 (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:


Circular map for MR212865