

Product datasheet for **RR202412**

Dnajc16 (NM_001014194) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dnajc16 (NM_001014194) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Dnajc16
Synonyms:	MGC109011
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RR202412 representing NM_001014194
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAATTGAAAAGTTGAGCATTTCCTGGCAATTCCTTGATAGTCCTCGTTCTGATCCTGCAAAGCCTGT
 CTGCATTGGATTTTGACCCGTACAGAGTCTAGGGGTACGCCGCACAGCCAGTCAGGCTGACATTA
 GGCATATAAGAAGCTCGCTCGGGAATGGCATCCTGACAAAAACAAGACCCTGGAGCAGAGGACAAGTTC
 ATTCAGATCAGCAAGGCTTATGAGATTCTGTCCAATGAGGAGAAGAGGACAACTATGACCACTACGGTG
 ATGCGGGTGAGAACCAAGGCTACCAGCAGCAGCGGAGTACCGCTTCCGCCATTTCCACGAGAATTCTA
 TTTTGATGAATCCTTTTTCACTTCCCTTTCAATTCGAGCGCGGGACTCAATCGATGAGAAGTACTTG
 TTGCATTTTCACTACGTGAATGAAGTGTTCGACAGCTTCAAAAAACCCTACCTCATTAAGATCA
 CGTCGGATTGGTCTTGTAGTGTATCCACATCGAGCCTATCTGGAAGGAAGTGGTCCAGGAACTGGAAGG
 ACTGGGTGTGGGATTGGTGTTCATGCTGGGTACGAAAGACGCTGGCCATCACCTGGGAGCACAC
 AGCACCCCTCCATCCTAGGGATCATCAATGGGAAGATCTTTTCTTCCACAATCGGGTAGTTTCATGAGA
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 GCGGTTCTCTCTGGCTGGCAGCAGGAGAATAAGCCACATGCCCTCCTGTTCCGGCCAGACACCAGCAGCG
 CCACTGCTGTACAAGTTGACGGCCTTTCATACAAAGATTATGTGTCAATTTGGATATGTGTATGTGGCT
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 AGAGCACATCAACAAGCTGCCGATGCGATCCAGGCTCGGGGCTGAAGAAGCAGGTCATCGAGGACTTC
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 TGAAGCGTCTCACCCAGAGAAAAATACTGCTGGTTCGCTGACAGCTGAGGCTAACAACTAAGCAA
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 TGTCTGACTACCTCTCGGACTTCTGGGAGAGCCTGCTGCACAGTAACTGGCGGGAGATGATGCCCTTGCT
 GTCCTCATCTTCTCAGCCCTTTCATCCTGTTCCGCACTGTATCGTCCAGGCTTTCAGTACTCAAT
 GAGGAGCGGGAGTCTCACCTCCGATAAAGAGGAAGTCCCTGAGAAGGCTGGGAAGACTGAGCCGAGCT
 TCACAAAAGAGAGCAGCAGCAAAATTCCTAAAAAAGGCTTTGTGGAGGTGACTGAACTCACAGATGTGAC
 GTACACCAGTAATTTGGTACGCCTGAGGCCGGGTACATGAATGTGGTCTCATCCTGTCCAATTCACC
 AAGACAAGCCTGCTGCAGAAGTTGCTTTGGAAGTCTACACATTCACCGGGAGCAGCAGCCTGCCTTCT
 CCTTCTAACCCTAGACAAAACCGGGAGTGGCTGGAGTATTTGCTAGAGTTTGTCTAGGATGCAGCTCC
 CATCCCAAACAGTATGACAAGCACTTTATGGAACGAGACTACACTGGCTACGTGCTGGCCCTGAATGGC
 CACAAGAAGTATTTCTGCCTTTCAAGCCCTAAAGACCGTGGATGAGGAGACCGTGGGCTCCTGTGACC
 TTGACTCCTCCGAGGGAAGCCACCCTGTGGCCTGGGCCAAGCCCTCAAAGGCAAGCTGAGCAAGCT
 GTCGCTGTGGATGGAGCGCCTGCTGGAAGGCTCCTTGACAGAGTTCTACATCCCATCGTGGCCTGAGCTG
 GAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR202412 representing NM_001014194
 Red=Cloning site Green=Tags(s)

MELKRLSISWQFLIVLVLILQSLALDFDPYRVLGVSRTASQADIKKAYKKLAREWHPDKNKDPGAEDKF
 IQISKAYEILSNEEKRTNYDHYGDAGENQGYQQREYRFRHFHENFYFDESFFHFNFNSERRDSIDEKYL
 LHF SHYVNEVVPDSFKKPYLIKITSDWCFSCIHIEPIWKEVVQELEGLGVGIGVVHAGYERRLAHHLGAH
 STPSILGIINGKISFFHNAVHLENLRQFVESLLPGNLVEKVTNKNYVRFVLSGWQQENKPHALLFGQTPAA
 PLLYKLTAFAYKDYVSFGYVYVGLRGVEEMTRQYNVNIYAPTMLIFKEHINKPADAIQARGLKKQVIEDF
 ITQNKYLLASRLTSQKLFHELCPVKRSHRQRKYCVLLTAEANKLSKPFDAFLSFALANTQDTRFVHVY
 SSRQQEFASLLPDIEAFQGKSGVILERRNTAGRNVFKTLEDPWTGSESDKFVLLGYLDQLRKDPAFLS
 SEAVLPDLTDELAPVFLLRWLYSVDYLSDFWESLLHSNWREMPLLSLIFSALFILFGTVIVQAFSDSN
 EERESHPPDKEEVPEKAGKTEPSFTKESSKIPKKGFEVTELTDTVYTSNLVRLRPGHMNVVLIILSNST
 KTSLLQKFALEVYFTFGSSSLHFSFLTLDKHREWLEYLLEFAQDAAPIPNQYDKHFMERDYTGVLALNG
 HKKYFCLFKPLKTVDEETVGSCDLSSRGKPPCGLGPKPLKGLSKLSLWMERLLEGLRQFYIPSWPEL
 D

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

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_001014194.1](#), [NP_001014216.1](#)

RefSeq Size: 2613 bp

RefSeq ORF: 2316 bp

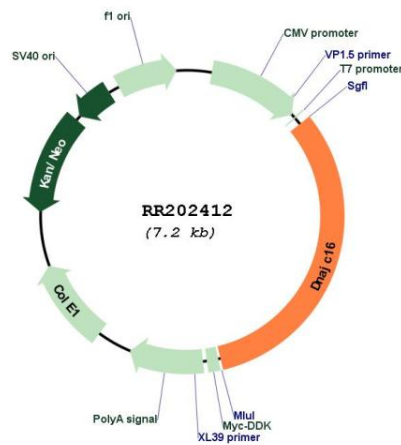
Locus ID: 362652

UniProt ID: [Q5FVM7](#)

Cytogenetics: 5q36

MW: 88.9 kDa

Product images:



Circular map for RR202412