

Product datasheet for **MR203354**

Dnajc9 (NM_134081) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dnajc9 (NM_134081) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Dnajc9
Synonyms:	5330419I01Rik; AU020082
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR203354 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGGCTGCTGGAGCTGTGCGAGCAGGTGTTGGCACCGCCGACCTCTACCAAGTGTGGGCGTGCGGC
 GCGAGGCTTCGGACGGCGAGGTCCGACGCGGCTACCACAAAGTGCCCTGCAAGTGCACCCCGACCGAGT
 AGAGGAGGACCAGAAAGAGGACGCCACCCGCGCTTCCAGATCTTGGGAAGAGTCTACGCGTTCTGAGT
 GACAAGGAACAGAAAGCAGTGTACGATGAACAGGGGACAGTGGACGAAGACTCTGCTGGCCTCAACCAAG
 ACCGGGACTGGGATGCATATTGGAGATTACTCTTTAAAAAGATATCGCTAGAGGATATCCAAGCTTTTGA
 AAAGACATACAAAGGCTCCGAAGAAGAGCTAAACGATATTAAGCAGGCCTATCTGGACTTCAAGGGCGAC
 ATGGACCAGATCATGGAGTCTGTACTTTGTGTACAGTACACAGATGAACCCAGGATAAGAAACATCATTC
 AAAAGCTATTGAATCCAAAGAGATTCCAGCCTACAGCGCCTTCGTCAAAGAGTCTAAACAAAAGATGAA
 TGCAAGGAAAAGGAGGGCTCAGGAAGAGGCTAAAGAAGCAGAGTTGAGCAGAAAGGAGCTGGGACTGGAA
 GAAGGAGTGGATAACTTGAAAGCACTCATCCAGAGCAGACAAAGGATCGGCAAAAGGAAATGGACAGTT
 TTCTGGCTCAAATGGAAGCAAAATACTGCAACCTTCAAAGGAGGAAAAGAACAGCACTCAAGAAGGA
 AAAGAAA

ACGCGTACGCGGCGGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA


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Protein Sequence: >MR203354 protein sequence
Red=Cloning site Green=Tags(s)

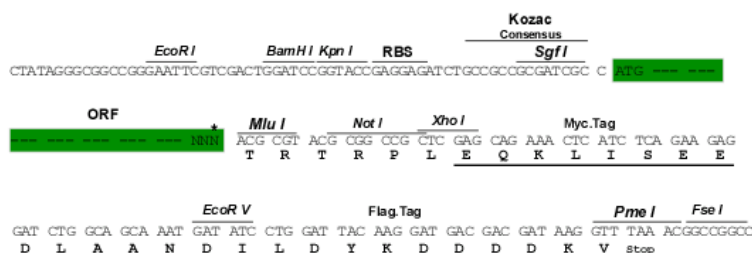
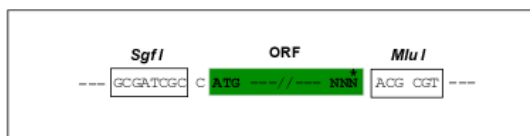
MGLLELCEQVFGTADLYQVLGVRREASDGEVRRGYHKVSLQVHPDRVEEDQKEDATRRFQILGRVYAVLS
 DKEQKAVYDEQGTVDSDSAGLNQDRDWDAYWRLLFKKISLEDIAQFAFKYKGSSEELNDIKQAYLDFKGD
 MDQIMESVLCVQYTDPRIRNIQKAIESKEIPYSAFVKESQKQMNARKRRAQEEAKEAELSRKELGLE
 EGVDNLKALIOSROKDROKEMDSFLAOMEAKYCKPSKGGKRTALKKEKK

TRTRPLEOKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM 134081

ORF Size: 777 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: [NM_134081.5](#)

RefSeq Size: 1631 bp

RefSeq ORF: 780 bp

Locus ID: 108671

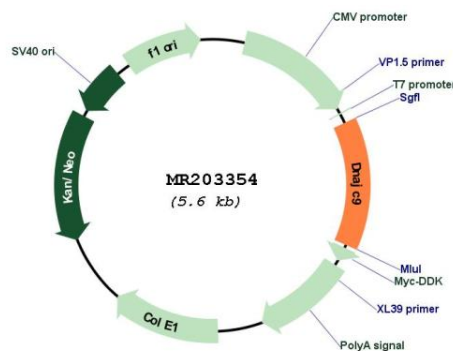
UniProt ID: [Q91WN1](#)

Cytogenetics: 14 A3

MW: 30.1 kDa

Gene Summary: May play a role as co-chaperone of the Hsp70 family proteins HSPA1A, HSPA1B and HSPA8. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR203354