

Product datasheet for MR225470

Dnajc5b (NM_001163536) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Dnajc5b (NM_001163536) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Dnajc5b
Synonyms: 1700008A05Rik
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR225470 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCATGTAACGCACCCAACCAAGACAGCGGACTTTGTCAACATCAGGAGAAAGTCTATATGAAATTC
 TTGGTCTGCATAAGGGAGCATCATGTGAAGAAATTAAGAAAACCTACAGAAAATTAGCCCTGCGACACCA
 TCCAGACAAGAATCCAGATGACCCATCTGCTGCTGAGAAGTTAAAGAAATCAACAACGCCACACAATC
 CTCACCGACACCTCAAAGAGAAACATATGACAAGTATGGATCGCTGGGACTCTACGTGGCTGAACAAT
 TTGGAGATGAAAACGTTAACACATACTTCATGTTGTCAAGCTGGTGGCAAAGACCCTGTTTCATCATCAT
 TGGCCTCTTGACCGGCTGCTATTTTTGTTGCTGCCTTTGCTGCTGCAACTGTTGTTGTGGACATTGT
 CGGCCCAAATCATCGACACCAGAAGAGGAGTTCTATGTGTCAACCAGAGGACCTTGAGGAGCAGATCAGAA
 CTGACATGGAGAAAGATATGGACTTTCCAGTTGTTCTCCAGCCTACAAATACAAATGAGAAAACACAGCT
 AATCAGAGAAGGATCTCGAAGTTACTGCACAGACTCT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR225470 protein sequence
 Red=Cloning site Green=Tags(s)

MACNAPNQRQRTLSTSGESLYEILGLHKGASCEEIKKTYRKLALRHPDKNPDDPSAAEFKEINNAHTI
 LTDTSKRNIYDKYGLGLYVAEQFGDENVNITYFMLSSWAKTLFIIIGLLTGCYFCCLCCCCNCCCGHC
 RPKSSTPEEEFYVSPEDLEEQIRTDMEKDMDFPVVLQPTNTNEKTQLIREGSRSYCTDS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV



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Restriction Sites: Sgfl-MluI

Cloning Scheme:



ACCN: NM_001163536

ORF Size: 597 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_001163536.1](#), [NP_001157008.1](#)

RefSeq Size: 940 bp

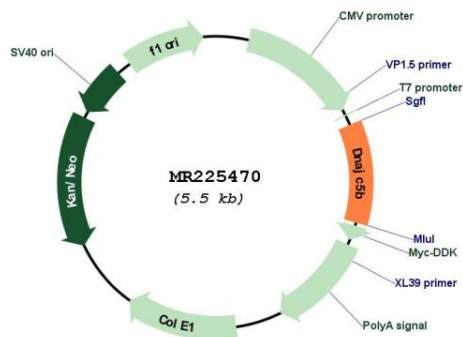
RefSeq ORF: 600 bp

Locus ID: 66326

UniProt ID: [Q9CQ94](#)

Cytogenetics: 3 A2
 MW: 22.7 kDa

Product images:



Circular map for MR225470