

Product datasheet for MR205287

Dnajc28 (NM_138664) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dnajc28 (NM_138664) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Dnajc28
Synonyms:	BC020175; ORF28
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR205287 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGATAAACACAGTGTGCATGAAGACCACTCGGATCTTGAGACTGCACCTAACAAACGTTCCCTTGATTCTCCTGGTATAAAATGCTTTCAGACCCAGATCCAGGATGATATCAACCATGAATCCCAGAAGCTGAGAGAATATTACAGGCTGCTGAATCTGGATGAAGGATGCTCTGTAGACGACGTCAGGGAGTCTTTTACAAGCTCGCCAGGCAGTACCACCCAGACAGCGTTCTAGTGATGCTGACTCTGCAACATTTATAAAGATTGAAGAGGCTTACAGGAATGTGCTGTCCATGCGATAAAACGGATGCATGCCGGACAGGATAAAGCTGAAGATGCAGCAGAAGATGAAGAAGAAGAAAGTTCAAATACAACACACCTCAGCACCGACATTACTTAAGCTTCGAAAGGTGTGCGCTTTGGGACCCCGAGCCAGCGAGAGAAACAATACAGGCAGTTCAGGGCGGATCGCGCGACGGAGCAGGTGATGGAATACCAAAGGCAGAAGCTTCAGAGGGAGTTCTTCGCCAACAGCATAACTGTCAAGGACGTACGGCAGAGCAAGCAACAGAAGATAACTCAAGCCATCGAGCGCTGGTGGAGGACCTCATTACAGGAATCCATGGCAAAGGAGACTTTGACAATCTCAGCGGAAAGGAAAACCGCTGAAGAAATTTCTGGCTGCTCATATATTGATCCCATGACTCACAACCTGAACCGAATATTGATAGATAATGGATACCAACCAGAGTGGATCCTGATGCAGAAGGAGATTAAGGACACCATCGAGCAACTCCGAGAAGCGCTTTTAATGTCTAGGAAGAAGCTGGGGAACCTCTGTCAACCCAGAGCAGAAACAGTGGGCCCAAGTGTGTGAGCAGTTTCAAGAAAAGATACGAAAAGCTGAACAAGCGAATTAATGATTTCACTTAATTGTTCCCATCCTGACCAGGCAGAAAGTCCAATTTGACGCACAGAAAAGAAATTATCAGAGTCCAAGAAATGTACGGGGCCTTCGTAGAAGCAAAACGAAGTACAGAAGAAAACCAACTGACGTTAGCCAGGGAGAAGAATCAAAAACACCCAGAGTCAAGGCAGGCTTTCTAAACTGGCTAAATCTGTGGAAATCTATTAATAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATTACAAGGATGACGACGATAAGGTTTAA


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Protein Sequence: >MR205287 protein sequence
 Red=Cloning site Green=Tags(s)

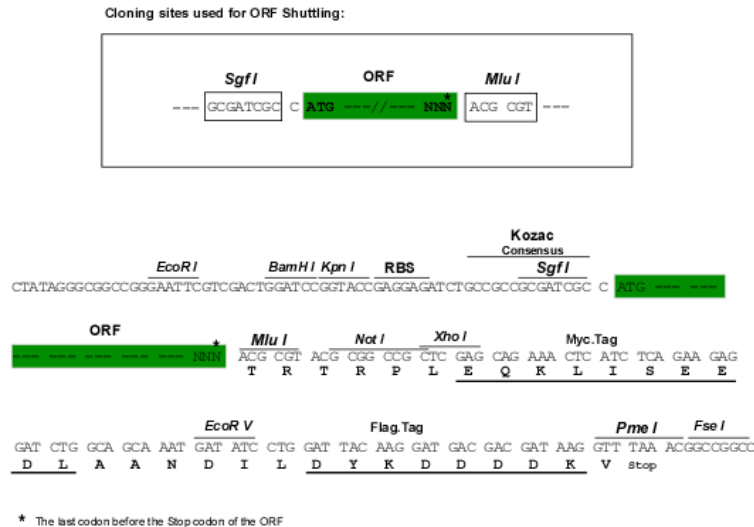
MINTVCMKTTRILRLHLTNASLIPPGIKMLSDPRSRMISTHESQKLREYYRLNLDEGCSVDDVRESFHK
 LARQYHPDSGSSDADSATFIKIEEAYRNVLSHAIKRMHAGQDKAEDAEDEEGKFYNTQPQHRHLSFE
 GVGFGTPSQREKQYRQFRADRATEQVMEYQKQLQREFFANSITVKDVRQSKQKQITQAIERLVEDLIQE
 SMAKGDFDNLGKGGKPLKKFSGCSYIDPMTHNLNRILIDNGYQPEWILMQKEIKDTIEQLREALMSRKK
 LGNPLSPTEKQKQWQVCEQFQEKIRKLNKRINDFNLIIVILTRQKVHFDQKEIIRVQEMYGAFVEANEV
 TEENQTDVVSQGEESKTPRVKAGFLNWLNLWKSIIK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_138664

ORF Size: 1155 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_138664.1](#), [NP_619605.1](#)

RefSeq Size: 3365 bp

RefSeq ORF: 1158 bp

Locus ID: 246738

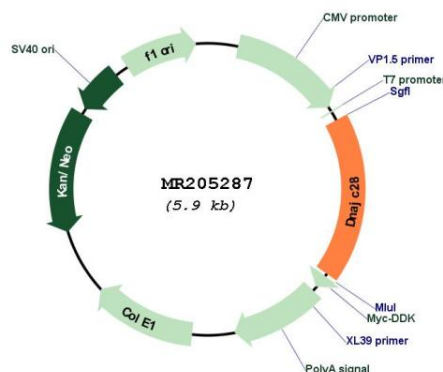
UniProt ID: [Q8VCE1](#)

Cytogenetics: 16 C3.3

MW: 44.9 kDa

Gene Summary: May have a role in protein folding or as a chaperone.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR205287