

Product datasheet for **MC203958**

Dnajc28 (NM_138664) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dnajc28 (NM_138664) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dnajc28
Synonyms:	BC020175; ORF28
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC020175
 CAACAACAAGCGTCCAGGGGAGTCTGCTCTGTTCCTGCGTGGGGGATGGTTTTATAAGAAAGAGATCGCTG
 TCCCTGGTGAGGGAACTACCTGTCTGTAGTAAGGTATGAAGAAAGGCTCTGCAGTGTAGCGCGCAGAGG
 GTCCAGTAGCCGAGACAGGGACGGAGCGGGCCACGCGTCTGCGCAAAGGCGCAGCTTGAGCTTCGAGCC
 GCTGAACCCCATCACGTCTGTGAAGATCACTGTTAAGAATCCAGATAACAATGATAAACACAGTGTGCA
 TGAAGACCACTCGGATCTTGAGACTGCACCTAACAAACGCTTCCTTGATTCTCTGTTAATAAAAAATGCT
 TTCAGACCCAGATCCAGGATGATATCAACCCATGAATCCAGAAGCTGAGAGAATATTACAGGCTGCTG
 AATCTGGATGAAGGATGCTCTGTAGACGAGTCAAGGAGTCTTTTACAAGCTCGCCAGGCAGTACCACC
 CAGACAGCGGTTCTAGTGATGCTGACTCTGCAACATTTATAAAGATTGAAGAGGCTTACAGGAATGTGCT
 GTCCCATGCGATAAAAACGGATGCATGCCGGACAGGATAAAGCTGAAGATGCAGCAGAAGATGAAGAAGAA
 GGAAAGTTCAAATACAACACACCTCAGCACCGACATTACTTAAGCTTCGAAGGTGTCGGCTTTGGGACCC
 CCAGCCAGCGAGAGAAACAATACAGGCAGTTCAGGGCGGATCGCGCGACGGAGCAGGTGATGGAATACCA
 AAGGCAGAAGCTTCAGAGGGAGTCTTCGCCAACAGCATAACTGTCAAGGACGTACGGCAGAGCAAGCAA
 CAGAAGATAACTCAAGCCATCGAGCGCCTGGTGGAGGACCTCATTAGGAATCCATGGCAAAGGAGACT
 TTGACAATCTCAGCGGAAAGGAAAACCGCTGAAGAAATTTCTGGCTGCTCATATATTGATCCCATGAC
 TACAACCTGAACCGAATATTGATAGATAATGGATACCAACCAGAGTGGATCCTGATGCAGAAGGAGATT
 AAGGACACCATCGAGCAACTCCGAGAAGCGCTTTAATGTCTAGGAAGAAGCTGGGGAACCTCTGTACAC
 CCACAGAGCAGAAACAGTGGGCCAAGTGTGTGAGCAGTTTCAAGAAAAGATACGAAAAGCTGAACAAGCG
 AATTAATGATTTCAACTAATTGTTCCCATCCTGACCAGGCAGAAAGTCCATTTTGACGCACAGAAAGAA
 ATTATCAGAGTCCAAGAAATGTACGGGGCTTCGTAGAAGCAAACGAAGTACAGAAAGAAAACAAACTG
 ACGTTAGCCAGGGAGAAGAATCAAAAACACCCAGAGTCAAGGCAGGCTTCTAACTGGCTAAATCTGTG
 GAAATCTATTAATAATGACTGTTTTGTTATTCCAGATCATTTCCACTCTGGTCAGTTTTGAGTTGCTC
 TGACCTCAGACGCAGAACCTAAGATTGACTGTCGTGCCCGGGGCTGAGAAGTGTGCTCTTTGATGTA
 TTTACAGAACTAATCACACCCCGTGGTAGATGAGAACTTGGGTGAGTTCTGCTGTAATGATGTA
 AGAGGCAGACCCTGCCCTGAAGGAGCAGGCTCCGGCGCCAGACTTCAGGTATCGCCTCTAGGACTGAA
 GCACAGACCCGAGGCCACATAGGGCTTCAGAAACCTCAGAGCTCTCTGAGACTAGCAACTTATAG
 GTAGGTAGTCGCTGTTTACTTTTCTAACCATAAGGACTTAAGCAGCAATGAAACCAAAGGTATAGAAC
 TGAAGAAGTTGTAATGAGATTTAACCAACTGTGGTCTCCAATGAAAATTCAAAACCTCAAAGAACAAA AAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_138664

Insert Size: 1158 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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: [BC020175](#), [AAH20175](#)

RefSeq Size: 1902 bp

RefSeq ORF: 1158 bp

Locus ID: 246738

UniProt ID: [Q8VCE1](#)

Cytogenetics: 16 C3.3

Gene Summary: May have a role in protein folding or as a chaperone.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (2) differs in the 5' UTR and initiates translation at a downstream AUG, compared to variant 1. The resulting protein (isoform 2) is shorter at the N-terminus, compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.