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Product datasheet for MC218797

Dnajc1 (NM_007869) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dnajc1 (NM_007869) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dnajc1
Synonyms:	4733401K02Rik; AA960110; D230036H06Rik; Dnajl1; ERdj1; ERj1p; MTJ1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

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Fully Sequenced ORF:

>MC218797 representing NM_007869
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTGGGTTCCCGGCTTCGGATCCGCGCGACTTCCCCAGCGCCGGCGCTCCGGGTTGGAGTCATCCTCGG
TGCGGCCGCTGTGGCTGCTGCTGCTGTTCCTGCTGGCAGCCGTGCGGCCAGTGCGCGCCTGGGAGAGCGG
AGACCTGGAGTTGTTCGACTTGGTGGAAGAGGTGCAGTTGAACTTCTACGAGTTCCTCGGGGTGCAGCAG
GATGCTTCATCTGCAGACATCAGAAAAGCATATCGTAAGCTTTCACTAACCTTACATCCAGACAAGAATA
AAGATGAAAATGCAGAAACTCAATTTAGACAATTGGTGGCCATTTATGAAGTTTTAAAGGATGATGAAAG
AAGGCAGAGGTATGATGATGTTCTGATCAATGGACTTCCAGATTGGCGACAGCCTGTATTCTACTACAGG
CGAGTGAGAAAAATGAGCAATGCTGAGCTGGCTTTGCTCTTGTTCATTATTCTCACAGTGGGTCACTATG
CTGTGGTTTGGTCCATCTACCTGGAAAAGCAACTGGATGAACTGCTTGGTAGAAAAAAGAGAGAAAGGAA
GAAGAAGACAGGAAGCAAGAGTGTGGACGCAGCAAAACTTGGTGCTTCTGAAAAGAACGAAAGATTGCTT
ATAAAACCACAATGGCATGATTTGCTTCCATGCAAACTGGGGATTTGGTTTTGCCTTACACTAAAAGCAT
TGCCTCATCTAATCCAGGATGCTGGGCAGTTTTATGCAAAATATAAGGAGACAAAATTGAAGGAAAAAGA
AGACGCACTGGCTAGAATTGAAATTGAAACCCTTCAAAAACAGAAGAAAGTTAAAGTTAAAAAACCAAAA
CCAGAATTTCCTGTGTATATGCCTTTAGAAAATACGTATATTCAGTCTTATGATCATGGAACTTCTATTG
AAGAAATTGAGGAGCAAATGGATGACTGGCTGGAAAACAGGAAAAGAACACAGAAAAGACAGGCACCTGA
ATGGACAGAAGAGGACCTCAGTCAACTGACAAGAAGTATGGTTAAGTTCCCAGGAGGGACTCCAGGTCGA
TGGGACAAGATTGCCCATGAATTGGGTCGATCTGTGACAGATGTGACAACCAAAGCCAAGGAACTGAAGG
ACTCAGTCACCAGCTCCCCCGGAATGACCAGGCTCTCTGAACTTAAGTCAAATGGTCAGAATTCCAGGCC
AATCAAGATAGCCACAGCCTTGCCAGATGACATCATCACGCAGCGGGAGGACTCAGCAGGGGCCATGGAG
GATGAGGAGCACGAGGCTGCTGAGGGTGAGCAGGAGTCAGCGACCACAGAAGCCCGACCTCGGAGGCGGA
AGTCAGCCAGGGCGGCTGAGGCTGTAACCAGAGTGGAGCCAGAGGAGAAGCTGAGAGGAAAGAGGCAAAA
AGACTTTGATATATCAGAACAAAACGATTCCAGTGACGAAGAGAAACAACGAAAAGAAAGAACTCGTGCT
GCAGAGGAGGCGTGGACTCAGAGTCAGCAGAAACTTCTGGAATTGGCATTACAGCAATACCCTAAAGGAG
CTTCTGACCGCTGGGACAAAATAGCCAAATGTGTCCCGTCTAAGAGTAAGGAAGACTGCATTGCTAGATA
CAAGCTGCTGGTTGAACTGGTCCAAAAGAAAAAGCAGGCTAAAAGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_007869

Insert Size: 1659 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).

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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_007869.3, NP_031895.1
RefSeq Size:	5497 bp
RefSeq ORF:	1659 bp
Locus ID:	13418
UniProt ID:	Q61712
Cytogenetics:	2 A3
Gene Summary:	May modulate protein synthesis.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript. Both variants 1 and 2 encode the same protein. 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.

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