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Product datasheet for MC225800

Dnajc19 (NM_001286972) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dnajc19 (NM_001286972) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dnajc19
Synonyms:	1810055D05Rik; AA959924; Tim14
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC225800 representing NM_001286972 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGGCCAGCACAGTGGTAGCAGTCGGGTTGACCATTGCTGCTGCAGGATTTGCAGGCCGTTATGTTTTAC AAGCCATGAAGCATGTGGAGCCTCAAGTAAAACAAGTTTTTCAGAGCCTACCAAAATCTGCATTCGGTGG TGGGTACTACAGAGGTGGATTTGAACCCAAAATGACAAAACGGGAAGCAGCATTAATATTAGGTGTAAGC CCTACTGCCAATAAAGGGAAGATCAGGGATGCTCATCGCCGGATTATGCTATTAAATCACCCAGACAAGG GTAAGCAACTTTTATTACTATACTGGACTGTTAATGGAATAGCTAATTCTTGGTGTTATGAATGTCTGTG TGTGAGCAGTTTCCCAGTTGTGGATCACATTGTAGTGTCTTAA ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAGGTTTAA
Restriction Sites:	SgfI-MluI
ACCN:	NM_001286972
Insert Size:	393 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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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_001286972.1, NP_001273901.1
RefSeq Size:	1871 bp
RefSeq ORF:	393 bp
Locus ID:	67713
UniProt ID:	Q9CQV7
Cytogenetics:	3
Gene Summary:	Probable component of the PAM complex, a complex required for the translocation of transit peptide-containing proteins from the inner membrane into the mitochondrial matrix in an ATP-dependent manner. May act as a co-chaperone that stimulate the ATP-dependent activity (By similarity).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) contains a 3' terminal exon that extends past a splice site that is used in variant 2. This results in a novel 3' coding region and 3' UTR compared to variant 2. It encodes isoform 3 which is shorter and has a distinct C-terminus compared to isoform 2. 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.