

Product datasheet for MG218841

Dnajc19 (NM 001026211) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Dnajc19 (NM_001026211) Mouse Tagged ORF Clone

Tag: TurboGFP
Symbol: Dnajc19

Synonyms: 1810055D05Rik; AA959924; Tim14

Mammalian Cell Neomycin

Selection:

Vector: pCMV6-AC-GFP (PS100010)

E. coli Selection: Ampicillin (100 ug/mL)

ORF Nucleotide >MG218841 representing NM_001026211
Sequence: Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG218841 representing NM_001026211

Red=Cloning site Green=Tags(s)

MASTVVAVGLTIAAAGFAGRYVLQAMKHVEPQVKQVFQSLPKSAFGGGYYRGGFEPKMTKREAALILGVS PTANKGKIRDAHRRIMLLNHPDKGPLVEEGLKPIPICRSCSSICRRSILSCSTSYDQNKNPFTVCVCVHS

RAHTGIHTPVKPCETTM

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-Mlul



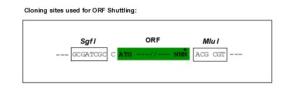
OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

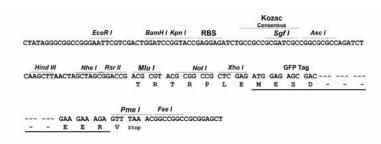
CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com

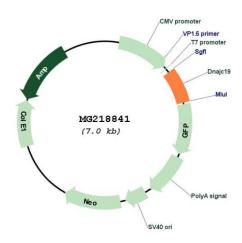


Cloning Scheme:





Plasmid Map:



ACCN: NM 001026211

ORF Size: 471 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.

ORIGENE

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 001026211.2, NP 001021382.1

RefSeq Size: 775 bp RefSeq ORF: 474 bp Locus ID: 67713 **UniProt ID:** Q9CQV7

3 Cytogenetics:

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]