

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 Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG218841 representing NM_001026211
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCCAGCACAGTGGTAGCAGTCGGGTTGACCATTGCTGCTGCAGGATTTGCAGGCCGTTATGTTTTAC
AAGCCATGAAGCATGTGGAGCCTCAAGTAAAACAAGTTTTTCAGAGCCTACCAAATCTGCATTCGGTGG
TGGGTACTACAGAGGTGGATTTGAACCCAAAATGACAAAACGGGAAGCAGCATTAAATATTAGGTGTAAGC
CCTACTGCCAATAAAGGGAAGATCAGGGATGCTCATCGCCGATTATGCTATTAATCACCCAGACAAGG
GCCCTCTGGTGAAGAAGTCTGAAACCCATACCAATCTGTGCGAGCTGCTCATCAATCTGCAGACGTTTC
CATTCTTAGTTGTTCCACTTCTACGATCAAAACAAAACCCCTTTTACTGTGTGTGTGTGTGCACCTCG
CGCGCACACAGGCATTATACACCTGTCAAACCATGTGAGACCACCATG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG218841 representing NM_001026211
Red=Cloning site Green=Tags(s)

MASTVVAVGLTIAAGFAGRYVLQAMKHVEPQVKQVQSLPKSAFGGGYYRGGFEPKMTKREAAALILGVS
PTANKGKIRDAHRRIMLLNHPDKGPLVEEGLKPIPICRSCSSICRRSILSCSTSYDQKNPFTVCVCVHS
RAHTGIHTPVKPCETTM

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI



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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:	<ol style="list-style-type: none">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:	<u>NM_001026211.2, NP_001021382.1</u>
RefSeq Size:	775 bp
RefSeq ORF:	474 bp
Locus ID:	67713
UniProt ID:	<u>Q9CQV7</u>
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]