

Product datasheet for **RC209910**

DNAJC19 (NM_145261) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: DNAJC19 (NM_145261) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: DNAJC19
Synonyms: PAM18; TIM14; TIMM14
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC209910 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCAGTACAGTGGTAGCAGTTGGACTGACCATTGCTGCTGCAGGATTTGCAGGCCGTTACGTTTTGC
AAGCCATGAAGCATATGGAGCCTCAAGTAAAACAAGTTTTTCAAAGCCTACCAAATCTGCCTTCAGTGG
TGGCTATTATAGAGGTGGGTTTGAACCCAAAATGACAAAACGGGAAGCAGCATTAACTAGGTGTAAGC
CCTACTGCCAATAAAGGGAAAATAAGAGATGCTCATCGACGAATTATGCTTTTAAATCATCCTGACAAAG
GAGGATCTCCTTATATAGCAGCCAAAATCAATGAAGCTAAAGATTACTAGAAGGCAAGCTAAAAAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC209910 protein sequence
Red=Cloning site Green=Tags(s)
MASTVVAVGLTIAAAGFAGRYVLQAMKHMEPQVKQVFQSLPKSAFSGGYRGGFEPKMTKREAALILGVS
PTANKGKIRDAHRRIMLLNHPDKGGSPYIAAKINEAKDLLEGQAKK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6363_a09.zip

Restriction Sites: SgfI-MluI



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UniProt ID: [Q96DA6](#)

Cytogenetics: 3q26.33

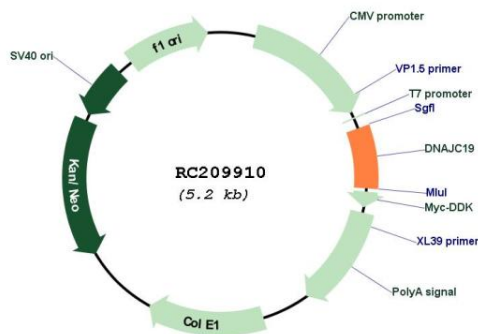
Domains: Dnaj

Protein Families: Transmembrane

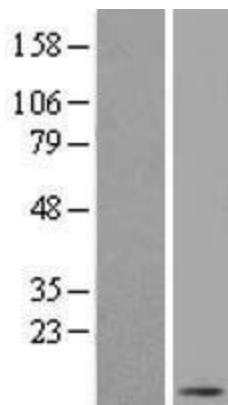
MW: 12.5 kDa

Gene Summary: The protein encoded by this gene is thought to be part of a complex involved in the ATP-dependent transport of transit peptide-containing proteins from the inner cell membrane to the mitochondrial matrix. Defects in this gene are a cause of 3-methylglutaconic aciduria type 5 (MGA5), also known as dilated cardiomyopathy with ataxia (DCMA). Alternative splicing of this gene results in multiple transcript variants. Related pseudogenes have been identified on chromosomes 1, 2, 6, 10, 14 and 19. [provided by RefSeq, Jan 2012]

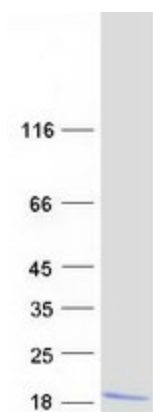
Product images:



Circular map for RC209910



Western blot validation of overexpression lysate (Cat# [LY407987]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC209910 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified DNAJC19 protein (Cat# [TP309910]). The protein was produced from HEK293T cells transfected with DNAJC19 cDNA clone (Cat# RC209910) using MegaTran 2.0 (Cat# [TT210002]).