# Recombinant Human DNAJC19 Protein, His-tagged

**Cat. No.** DNAJC19-2756H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Human DNAJC19 (NP_660304, 19 a.a. - 116 a.a.) partial recombinant protein with His tag expressed in Escherichia coli. |
| **Species** | Human |
| **Source** | E.coli |
| **ProteinLength** | 19-116 a.a. |
| **Description** | 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] |
| **Form** | Liquid |
| **Molecular Mass** | 15.1 kDa |
| **AA Sequence** | MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSMGRYVLQAMKHMEPQV KQVFQSLPKSAFSGGYYRGGFEPKMTKREAALILGVSPTANKGKIRDAHRRIMLLNH PDKGGSPYIAAKINEAKDLLEGQAKK |

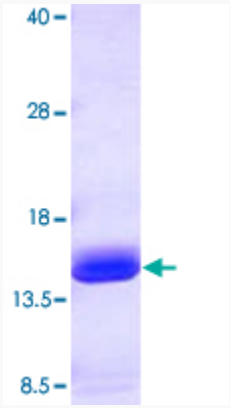
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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| **Purity** | > 90% by SDS - PAGE |
| **Applications** | SDS-PAGE |
| **Storage** | Store at 4 centigrade for 1-2 weeks. For long term storage store at -20 centigrade or -80 centigrade. Aliquot to avoid repeated freezing and thawing. |
| **Concentration** | 1 mg/mL |
| **Storage Buffer** | In 20 mM Tris-HCl, 0.1M NaCl, pH 8.0 (2 mM dithiothreitol, 10% glycerol) |

## GENE INFORMATION

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| **Gene Name** | DNAJC19 DnaJ (Hsp40) homolog, subfamily C, member 19 [ Homo sapiens ] |
| **Official Symbol** | DNAJC19 |
| **Synonyms** | DNAJC19; DnaJ (Hsp40) homolog, subfamily C, member 19; mitochondrial import inner membrane translocase subunit TIM14; Pam18; Tim14; TIMM14; homolog of yeast TIM14; PAM18; TIM14; FLJ99060; |
| **Gene ID** | 131118 |
| **mRNA Refseq** | NM_001190233 |
| **Protein Refseq** | NP_001177162 |
| **MIM** | 608977 |
| **UniProt ID** | Q96DA6 |

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| **Quality Control Testing** | <br>Loading 3 μg protein in 15% SDS-PAGE |

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