

Recombinant Human DNAJC19 Protein, His-tagged

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

SPECIFICATION

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 KQVFQSLPKSAFSGGYRGGFEPKMTKREAALILGVSP TANKGKIRDAHRRIMLLNH PDKGGSPYIAAKINEAKDLLEGQAKK

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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

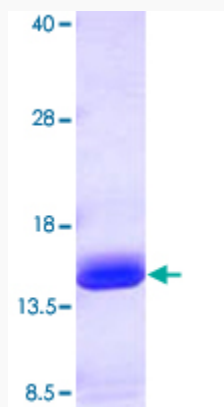
Gene Name	DNAJC19 DnaJ (Hsp40) homolog, subfamily C, member 19 [Homo sapiens]
Official Symbol	DNAJC19
Synonyms	DNAJC19; DnaJ (Hsp40) homolog, subfamily C, member 19; mitochondrial import inner membrane translocase subunit TIM14; Pam18; Tim14; TIMM14; homolog of yeast TIM14; PAM18; TIM14; FLJ99060;
Gene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

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**Quality Control
Testing**



Loading 3 μ g protein in 15% SDS-PAGE

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