Recombinant Human DNAJC19, His-tagged

Cat. No. DNAJC19-26773TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of human DNAJC19 fused to His-tag and DDDDK tag at N-terminus; 135aa, MW: 15.1kDa inclusive of tag.
Species	Human
Source	E.coli
ProteinLength	98 amino acids
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). Several transcript variants, some protein-coding and some not, have been found for this gene.
Conjugation	HIS
Molecular Weight	15.100kDa inclusive of tags
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: NoneConstituents: 10% Glycerol, 0.1M Sodium chloride, 20mM Tris

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	HCl, 2mM DTT, pH 8.0
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMGRY VLQAMKHMEP QVKQVFQSLP KSAFSGGYYR GGFEPKMTKR EAALILGVSP TANKGKIRDA HRRIMLLNHP DKGGSPYIAA KINEAKDLLE GQAKK

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;
Gene ID	131118
mRNA Refseq	NM_001190233
Protein Refseq	NP_001177162
MIM	608977
Uniprot ID	Q96DA6
Chromosome Location	3q26.33
Function	heat shock protein binding;

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