Recombinant Human DNAJC19, GST-tagged

Cat. No. DNAJC19-12079H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DNAJC19 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-116a.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.
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100,15%glycerol.

GENE INFORMATION

Gene Name	DNAJC19 DnaJ (Hsp40) homolog, subfamily C, member 19 [Homo sapiens]

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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
Chromosome Location	3q26.33
Pathway	Metabolism of proteins, organism-specific biosystem; Mitochondrial Protein Import, organism-specific biosystem;
Function	heat shock protein binding;

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