

Product datasheet for **AR09851PU-L**

DNAJC19 / TIM14 (19-116, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	DNAJC19 / TIM14 (19-116, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MRGSHHHHHH</u> GMASMTGGQQ MGRDLYDDDD KDRWGSMGRY VLQAMKHMEP QVKQVFQSLP KSAFSGGYR GGFEPKMTKR EAALILGVSP TANKGKIRDA HRRIMLLNHP DKGGSPIYAA KINEAKDLLE GQAKK
Tag:	His-tag
Predicted MW:	15.1 kDa
Concentration:	lot specific
Purity:	>90%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 2 mM DTT, 0.1M NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human DNAJC19 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001177162</u>
Locus ID:	131118
UniProt ID:	<u>Q96DA6</u>
Cytogenetics:	3q26.33
Synonyms:	PAM18; TIM14; TIMM14



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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]

Protein Families:

Transmembrane

Product images: