

Datasheet for ABIN667349

DNAJC19 Protein (AA 19-116) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	DNAJC19
Protein Characteristics:	AA 19-116
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This DNAJC19 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	DNAJC19, 19-116aa, Human, His tag, E.coli
Purity:	> 90 % by SDS - PAGE

Target Details

Target:	DNAJC19
Alternative Name:	DNAJC19 (DNAJC19 Products)
Background:	DNAJC19 is a single-pass membrane protein that contains a J domain and is localized to the inner membrane of the mitochondrion. Expressed ubiquitously, DNAJC19 functions as a component of the mitochondrial DNAJC19 complex, which is responsible for the ATP-dependent translocation of select proteins from the inner mitochondrial membrane to the mitochondrial matrix. Defects in DNAJC19 are the cause of 3-methylglutaconic aciduria type 5

Target Details

(MGA5), also known as dilated cardiomyopathy with ataxia (DCMA). Recombinant human DNAJC19 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. Synonyms: Mitochondrial import inner membrane translocase subunit TIM14, Pam18, TIM14, TIMM14. NCBI no.: NP_660304

Molecular Weight: 15.1 kDa (135aa), confirmed by MALDI-TOF

Pathways: [SARS-CoV-2 Protein Interactome](#)

Application Details

Restrictions: For Research Use only

Handling

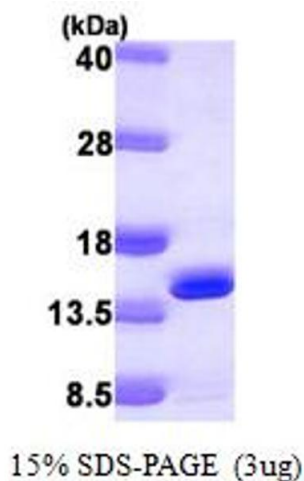
Format: Liquid

Concentration: 1 mg/ml (determined by Bradford assay)

Buffer: Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 10% glycerol, 2mM DTT, 0.1M NaCl

Storage: 4 °C

Images



SDS-PAGE

Image 1.