

**DNAJC19, 19-116aa, Human, His tag, E.coli**

**Cat.NO.: TP01900**

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3th Edition

**Synonyms:**Mitochondrial import inner membrane translocase subunit TIM14, Pam18, TIM14, TIMM14.

**Description:**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.

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

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

**Sequences:**

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSMDGRYVLQAMKHMEPQVKQVFQSLPKSAFSGGYR  
GGFEPKMTKREAAALILGVSPANKGKIRDAHRRIMLLNHPDKGGSPYIAAKINEAKDLLEGQAKK

**Purity:**> 95% by HPLC

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

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.