

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

Cat.NO.: TP01900

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:

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSMGRYVLQAMKHMEPQVKQVFQSLPKSAFSGGYR
GGFEPKMTKREAALILGVSP TANKGKIRDAHRRIMLLNHPDKGGSPYIAAKINEAKDLLEGQAKK

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.