

TTC11, 1-122aa, Human, His tag, E.coli

Cat.NO.: TP04335

3th Edition

Synonyms:FIS1, Tetratricopeptide repeat domain 11 2010003O14Rik, CGI 135, CGI135, FIS 1, Fis1 homolog, FIS1, S, cerevisiae, homolog of, Fission 1 (mitochondrial outer membrane) homolog

Description:TTC11 is a component of a mitochondrial complex that promotes mitochondrial fission. This protein can induce cytochrome C release from the mitochondrion to the cytosol, ultimately leading to apoptosis. It is also involved in peroxisomal growth and division. The C terminus is required for mitochondrial localisation, while the N terminus is necessary for mitochondrial fission. Recombinant human TTC11, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

Form:Liquid. In 20 mM Tris-HCl Buffer (pH 8.0) containing 10% Glycerol

Molecular Weight:16.3 kDa(142aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMEAVLNELVSVEDLLKFEKKFQSEKAAGSVSKSTQFEYAWCLVRSKYND DIRKGI
VLLEELLPKGSKEEQRDYVFYLA VGN YRLKEYEKALKYVRG LLQTEPQNNQAKELERLIDKAMKKDG

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.