

# Product information



## TTC11, 1-122aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP0562

**Full name:** Tetratricopeptide repeat domain 11

**NCBI Accession No.:** NP\_057152

**Synonyms:** FIS1

**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.

|  |  |
|--|--|
| <p><b>Form:</b> Liquid. In 20 mM Tris-HCl Buffer (pH 8.0) containing 10% Glycerol</p> <p><b>Molecular Weight:</b> 16.3 kDa(142aa), confirmed by MALDI-TOF</p> <p><b>Purity:</b> &gt; 95% by SDS - PAGE</p> <p><b>Concentration:</b> 1 mg/ml (determined by Bradford assay)</p> | <p>(kDa)<br/>40<br/>28<br/>18<br/>13.5<br/>8.5</p> <p>15% SDS-PAGE (3ug)</p> |
| <p><b>Sequences of amino acids:</b></p> <p><u>MGSSHHHHH</u> <u>SSGLVPRGSH</u> MEAVLNELVS VEDLLKFEKK FQSEKAAGSV SKSTQFEYAW CLVRSKYND D IRKGI V L L E E L L P K G S K E E Q<br/>RDYVFYLA VG NYRLKEYEKA LKYVRGLLQT EPQNNQAKEL ERLIDKAMKK DG</p>                                   |  |

### General references:

Martinou JC., *et al.* (2003) *J Biol Chem.* 278(38):36373-9.

Yoon Y., *et al.* (2008) *Exp Cell Res.* 314(19):3494-507

**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.

**WARNING: THIS PRODUCT IS NOT INTENDED OR APPROVED FOR HUMAN, DIAGNOSTICS OR VETERINARY USE. USE OF THIS PRODUCT FOR HUMAN OR ANIMAL TESTING IS EXTREMELY HAZARDOUS AND MAY RESULT IN DISEASE, SEVERE INJURY, OR DEATH.**

# Product information

---



Avoid repeated freezing and thawing cycles.

**WARNING: THIS PRODUCT IS NOT INTENDED OR APPROVED FOR HUMAN, DIAGNOSTICS OR VETERINARY USE. USE OF THIS PRODUCT FOR HUMAN OR ANIMAL TESTING IS EXTREMELY HAZARDOUS AND MAY RESULT IN DISEASE, SEVERE INJURY, OR DEATH.**