

Recombinant Human FIS1, His-tagged

Cat. No. FIS1-2477H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human TTC11, fused to His-tag at N-terminus, was expressed in <i>E.coli</i> and purified by using conventional chromatography. MW = 16.3 kDa(142aa).
Species	Human
Source	E.coli
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.
Form	Liquid. In 20 mM Tris-HCl Buffer (pH 8.0) containing 10% Glycerol.
Purity	> 95% by SDS – PAGE.
Concentration	1 mg/ml (determined by Bradford assay).
Sequences Of Amino Acids	MGSSHHHHH SSGLVPRGSH MEAVLNELVS VEDLLKFEKK FQSEKAAGSV SKSTQFEYAW CLVRSKYND D IRKGIVLLEE LLPKGSKEEQ RDYVFYLA VG NYRLKEYEKA LKYVRGLLQT EPQNNQAKEL ERLIDKAMKK DG.
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.

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GENE INFORMATION

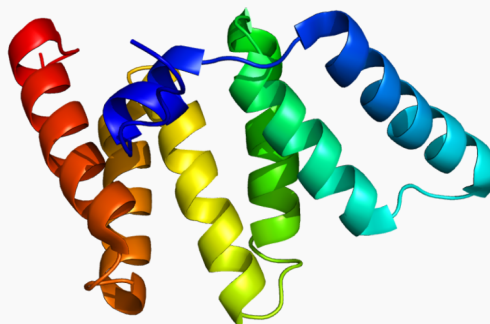
Gene Name	FIS1 fission 1 (mitochondrial outer membrane) homolog (S. cerevisiae) [Homo sapiens]
Synonyms	fission 1 (mitochondrial outer membrane) homolog (S. cerevisiae); TTC11; CGI-135; FIS1; mitochondrial fission 1 protein; hFis1; FIS1 homolog; H_NH0132A01.6; TPR repeat protein 11; tetratricopeptide repeat domain 11; tetratricopeptide repeat protein 11; fission 1 (mitochondrial outer membrane) homolog (yeast); Fis1; Fis1 homolog; Tetratricopeptide repeat protein 11
Gene ID	51024
mRNA Refseq	NM_016068
Protein Refseq	NP_057152
MIM	609003
UniProt ID	Q9Y3D6
Chromosome Location	7q22.1
Function	protein binding

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