

Recombinant Human FIS1, His-tagged

Cat. No. FIS1-31248TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 1-122 of Human TTC11 with N terminal His tag; 142 amino acids with tag, MWt 16.3kDa.
Species	Human
Source	E.coli
ProteinLength	122 amino acids
Description	The balance between fission and fusion regulates the morphology of mitochondria. TTC11 is a component of a mitochondrial complex that promotes mitochondrial fission (James et al.
Conjugation	HIS
Molecular Weight	16.300kDa inclusive of tags
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 10% Glycerol, 20mM Tris HCl, pH 8.0
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Sequences of amino acids MGSSHHHHHH SSGLVPRGSH MEAVLNELVS VEDLLKFEKK FQSEKAAGSV
SKSTQFEYAW CLVRSKYND D IRKGIVLLEE LLPKGSKEEQ RDYVFYLA VG
NYRLKEYEKA LKYVRGLLQT EPQNNQAKEL ERLIDKAMKK DG

Sequence Similarities Belongs to the FIS1 family. Contains 1 TPR repeat.

GENE INFORMATION

Gene Name FIS1 fission 1 (mitochondrial outer membrane) homolog (S. cerevisiae) [Homo sapiens]

Official Symbol FIS1

Synonyms FIS1; fission 1 (mitochondrial outer membrane) homolog (S. cerevisiae); fission 1 (mitochondrial outer membrane) homolog (yeast) , tetratricopeptide repeat domain 11 , TTC11; mitochondrial fission 1 protein; CGI 135; CGI 135 protein; Fis1; H_NH0132A01.6;

Gene ID 51024

mRNA Refseq NM_016068

Protein Refseq NP_057152

MIM 609003

Uniprot ID Q9Y3D6

Chromosome Location 7q22.1

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Function

protein binding;

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