

Recombinant Human FIS1, GST-tagged

Cat. No. FIS1-12902H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FIS1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-152a.a.
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., 2003 [PubMed 12783892]).
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

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

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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; hFis1; FIS1 homolog; TPR repeat protein 11; tetratricopeptide repeat domain 11; tetratricopeptide repeat protein 11; TTC11; CGI-135;
Gene ID	51024
mRNA Refseq	NM_016068
Protein Refseq	NP_057152
MIM	609003
UniProt ID	Q9Y3D6
Chromosome Location	7q22.1
Function	protein binding;