

Product datasheet for **TP302560L**

TTC11 (FIS1) (NM_016068) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human fission 1 (mitochondrial outer membrane) homolog (<i>S. cerevisiae</i>) (FIS1), nuclear gene encoding mitochondrial protein, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202560 protein sequence Red =Cloning site Green =Tags(s)
	MEAVLNELVSVEDLLKFEKKFQSEKAAGSVSKSTQFEYAWCLVRSKYND DIRKGIVLLEELLPKGSKEEQ RDYVFYLA VGN YRLKEYEKALKYVRG LLQTEPQNNQAKELERLIDKAMKKDGLVGM AIVGGMALGVAGLA GLIGLAVSKSKS
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	16.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_057152
Locus ID:	51024
UniProt ID:	Q9Y3D6



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RefSeq Size: 785

Cytogenetics: 7q22.1

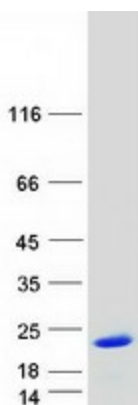
RefSeq ORF: 456

Synonyms: CGI-135; TTC11

Summary: 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]).[supplied by OMIM, Mar 2008]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified FIS1 protein (Cat# [TP302560]). The protein was produced from HEK293T cells transfected with FIS1 cDNA clone (Cat# [RC202560]) using MegaTran 2.0 (Cat# [TT210002]).