abcam

Product datasheet

Recombinant Human TTC11/FIS1 protein - BSA and Azide free ab173037

Description

Product name	Recombinant Human TTC11/FIS1 protein - BSA and Azide free
Purity	> 95 % SDS-PAGE. Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
Endotoxin level	< 1.000 Eu/µg
Expression system	Escherichia coli
Accession	Q9Y3D6
Protein length	Protein fragment
Animal free	No
Carrier free	Yes
Nature	Recombinant
Species	Human
Sequence	MEAVLNELVSVEDLLKFEKKFQSEKAAGSVSKSTQFEYA WCLVRSKYNDD IRKGIVLLEELLPKGSKEEQRDYVFYLAVGNYRLKEYEKAL KYVRGLLQT EPQNNQAKELERLIDKAMKKDGVEHHHHHH
Predicted molecular weight	15 kDa including tags
Amino acids	1 to 122
Tags	His tag C-Terminus
Additional sequence information	Cytoplasmic domain.
Description	Recombinant Human TTC11/FIS1 protein (BSA and azide free)

Specifications

Our **Abpromise guarantee** covers the use of **ab173037** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE HPLC
Form	Liquid
Additional notes	Previously labelled as TTC11.

Preparation and Storage

Stability and Storage	Shipped on Dry Ice. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. pH: 8.00 Constituent: 0.24% Tris Supplied as a 0.2 µM filtered solution.

General Info

Function	Promotes the fragmentation of the mitochondrial network and its perinuclear clustering. Can induce cytochrome c release from the mitochondrion to the cytosol, ultimately leading to apoptosis. Also mediates peroxisomal fission.
Sequence similarities	Belongs to the FIS1 family. Contains 1 TPR repeat.
Domain	The C-terminus is required for mitochondrial or peroxisomal localization, while the N-terminus is necessary for mitochondrial or peroxisomal fission, localization and regulation of the interaction with DNM1L.
Post-translational modifications	Ubiquitinated by MARCH5.
Cellular localization	Mitochondrion outer membrane. Peroxisome membrane.

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
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