

Recombinant Mouse Fis1 Protein, Myc/DDK-tagged

Cat. No. Fis1-3017M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length fission, mitochondrial 1 (Fis1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Involved in the fragmentation of the mitochondrial network and its perinuclear clustering. Plays a minor role in the recruitment and association of the fission mediator dynamin-related protein 1 (DNM1L) to the mitochondrial surface and mitochondrial fission. May be not essential for the assembly of functional fission complexes and the subsequent membrane scission event. Can induce cytochrome c release from the mitochondrion to the cytosol, ultimately leading to apoptosis. Also mediates peroxisomal fission.
Molecular Mass	17 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [Fis1 fission, mitochondrial 1 \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Fis1](#)

Synonyms FIS1; fission 1 (mitochondrial outer membrane) homolog (yeast); mitochondrial fission 1 protein; FIS1 homolog; TPR repeat protein 11; tetratricopeptide repeat domain 11; tetratricopeptide repeat protein 11; Ttc11; 2010003O14Rik

Gene ID [66437](#)

mRNA Refseq [NM_025562](#)

Protein Refseq [NP_079838](#)

UniProt ID [Q9CQ92](#)

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