

# Recombinant Human MTFP1 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** MTFP1-5460H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | MTP18 MS Standard C13 and N15-labeled recombinant protein (NP_057582) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                              |
| <b>Source</b>           | HEK293                                                                                                                                                                                                             |
| <b>Description</b>      | MTP18 is a mitochondrial protein and downstream target of the phosphatidylinositol 3-kinase signaling pathway that plays a role in cell viability and mitochondrial dynamics.                                      |
| <b>Molecular Mass</b>   | 18 kDa                                                                                                                                                                                                             |
| <b>AA Sequence</b>      | MSEPQPRGAERDLYRDTWVRYLGYANEVGEAFRSLVPAAVVWLSYGVASSYVLAD<br>AIDKGKKAGEVPSPEAGRSARVTVAVVDTFVWQALASVAIPGFTINRVCAASLYVLG<br>TATRWPLAVRKWTTTALGLLTIPIIIHPIDRSVDFLLDSSLRKLYPTVGKPPSSSTRTRPL<br>EQKLISEEDLAANDILDYKDDDDKV |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                        |
| <b>Stability</b>        | Stable for 3 months from receipt of products under proper storage and handling conditions.                                                                                                                         |
| <b>Storage</b>          | Store at -80 centigrade. Avoid repeated freeze-thaw cycles.                                                                                                                                                        |

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** MTFP1 mitochondrial fission process 1 [ Homo sapiens (human) ]

**Official Symbol** MTFP1

**Synonyms** MTFP1; mitochondrial fission process 1; MTP18; HSPC242; mitochondrial fission process protein 1; mitochondrial 18 kDa protein; mitochondrial fission protein MTP18; mitochondrial protein 18 kDa

**Gene ID** 51537

**mRNA Refseq** NM\_016498

**Protein Refseq** NP\_057582

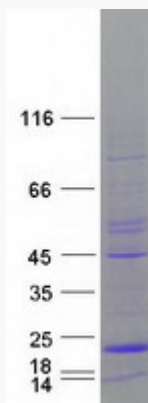
**MIM** 610235

**UniProt ID** Q9UDX5

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**SDS-PAGE**

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