

Recombinant Full Length Human MTFP1 Protein, GST-tagged

Cat. No. MTFP1-6557HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MTP18 full-length ORF (AAH01608, 1 a.a. - 166 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	166 amino acids
Description	MTP18 is a mitochondrial protein and downstream target of the phosphatidylinositol 3-kinase (see PIK3CA, MIM 171834) signaling pathway that plays a role in cell viability and mitochondrial dynamics (Tondera et al., 2004 [PubMed 15155745]).[supplied by OMIM
Molecular Mass	44 kDa
AA Sequence	MSEPQPRGAERDLYRDTWVRYLGYANEVGEAFRSLVPAAVVWLSYGVASSYVLAD AIDKGKKAGEVPSPEAGRSARVTVAVVDTFVWQALASVAIPGFTINRVCAASLYVLG TATRWPLAVRKWTTTALGLLTPIIIHPIDRSVDFLLDSSLRKLYPTVGKPSSS
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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_001003704
Protein Refseq	NP_001003704
MIM	610235
UniProt ID	Q9UDX5

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