

MTFP1 抗原（重组蛋白）

中文名称： MTFP1 抗原（重组蛋白）

英文名称： MTFP1 Antigen (Recombinant Protein)

别名： mitochondrial fission process 1; MTP18; HSPC242

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 56-128 amino acids of human MTFP1

技术规格

Full name:	mitochondrial fission process 1
Synonyms:	MTP18; HSPC242
Swissprot:	Q9UDX5
Gene Accession:	BC046132
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	MTP18 (mitochondrial 18 kDa protein), also known as HSPC242, is a 166 amino acid protein essential for cell viability. MTP18 may also have a role in maintaining the integrity of the mitochondrial network. Localized to the mitochondrion, expression of MTP18 is regulated by the PI 3-kinase pathway. Loss of function of MTP18 results in the release of cytochrome c, which subsequently activates the caspase cascade and leads to apoptosis.