

Product datasheet for **TP305922**

MTP18 (MTFP1) (NM_016498) Human Recombinant Protein

Product data:

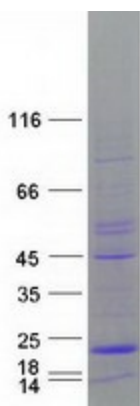
Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens mitochondrial protein 18 kDa (MTP18), nuclear gene encoding mitochondrial protein, transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205922 protein sequence Red =Cloning site Green =Tags(s)
	MSEPQPRGAERDLYRDTWVRYLGYANEVGEAFRSLVPAAVWLSYGVASSYVLADAIDKGGKAGEVPSPE AGRSARVTVAVVDTFVWQALASVAIPGFTINRVCAASLYVLTATRWPLAVRKWTTTALGLLTIPIIIHP IDRSVDFLLDSSLRKLKLYPTVGKPSSS
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	17.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_057582
Locus ID:	51537
UniProt ID:	Q9UDX5 , A0A024R1E4



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RefSeq Size:	1298
Cytogenetics:	22q12.2
RefSeq ORF:	498
Synonyms:	HSPC242; MTP18
Summary:	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, Mar 2008]

Product images:



Coomassie blue staining of purified MTFP1 protein (Cat# TP305922). The protein was produced from HEK293T cells transfected with MTFP1 cDNA clone (Cat# [RC205922]) using MegaTran 2.0 (Cat# [TT210002]).