

Product datasheet for TP323397M

Cyclophilin F (PPIF) (NM_005729) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human peptidylprolyl isomerase F (PPIF), nuclear gene encoding mitochondrial protein, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC223397 representing NM_005729 Red=Cloning site Green=Tags(s)

MLALRCGSRWLGLLSVPRSVPLRLPAARACSKGSGDPSSSSSSGNPLVYLDVDANGKPLGRVLELKADV
VPKTAENFRALCTGEKGFYKGSTFHRVIPSFMCQAGDFTNHNGTGKSIYGSRFPDENFTLKHVGPGLV
SMANAGPNTNGSQFFICTIKTDWLDGKHVFGHVKEGMDVVKKIESFGSKSGRTSKKIMITDCGQLS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	18.8 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_005720
Locus ID:	10105
UniProt ID:	P30405



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RefSeq Size: 2213

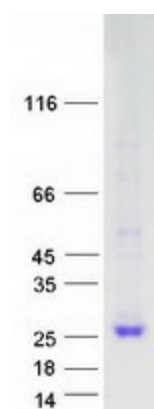
Cytogenetics: 10q22.3

RefSeq ORF: 621

Synonyms: Cyp-D; CyP-M; CYP3; CypD

Summary: The protein encoded by this gene is a member of the peptidyl-prolyl cis-trans isomerase (PPIase) family. PPIases catalyze the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and accelerate the folding of proteins. This protein is part of the mitochondrial permeability transition pore in the inner mitochondrial membrane. Activation of this pore is thought to be involved in the induction of apoptotic and necrotic cell death. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified PPIF protein (Cat# [TP323397]). The protein was produced from HEK293T cells transfected with PPIF cDNA clone (Cat# [RC223397]) using MegaTran 2.0 (Cat# [TT210002]).