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Cyclophilin F (PPIF), 30-207aa, Human, Recombinant, E.coli

产品货号: TP01811

第三版

别名: Peptidylprolyl isomerase F, CYP3, Cyp-D

描述: Cyclophilin F (also known as Peptidylprolyl isomerase F, PPIF) is a member of peptidyl-prolyl cis-trans isomerase family. They are highly-conserved cytoplasmic enzymes that accelerate protein folding. 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.

配方: Liquid in 20 mM Tris-HCl buffer (pH 7.5) containing 1 mM DTT 10% glycerol

分子量: 21 kDa (198aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHCSKGSGLPSSSSSSGNPLVYLDVDANGKPLGRVVLELKADVVPKTAENFRALCTGEKGF  
YKGSFHRVIPSFMCQAGDFTNHNGTGGKSIYGSRFPDENFTLKHVGGVLSMANAGPNTNGSQFFICTIKTDWLDGKH  
VVFGHVKEGMDVVKKIESFGSKSGRTSKKIVITDCGQLS

纯度: > 95% by HPLC

浓度: 1 mg/ml (determined by Bradford assay)

内毒素: < 1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.