

Human recombinant protein Cyclophilin F
Human Recombinant Cyclophilin F
Catalog # PBV10553r**Specification**

Human recombinant protein Cyclophilin F - Product info

Primary Accession	P30405
Concentration	1
Calculated MW	21 kDa KDa

Human recombinant protein Cyclophilin F - Additional Info

Gene ID	10105
Gene Symbol	PPIF

Other Names

Human Recombinant Cyclophilin F, Peptidylprolyl isomerase F, PPIF, CYP3, Cyp-D.

Gene Source	Human
Source	E. coli
Assay&Purity	SDS-PAGE; ≥95%
Assay2&Purity2	N/A;
Recombinant	Yes
Sequence	MGSSHHHHHH SSGLVPRGSH PSFMCQAGDF TNHNGTGGKS IYGSRFPDEN FTLKHVGPV LSMANAGPNT NGSQFFICTI KTDWLDGKHV VFGHVKEGMD VVKKIESFGS KSGRTSKKIV ITDCGQLS

Format

Liquid

Storage

-80°C; 1 mg/ml solution in 20 mM Tris-HCl buffer (pH 7.5) containing 1 mM DTT 10% glycerol.

Human recombinant protein Cyclophilin F - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Human recombinant protein Cyclophilin F - Images**Human recombinant protein Cyclophilin F - Background**

Cyclophilin F is a member of peptidyl-prolyl cis-trans isomerase family. They are highly-conserved cytoplasmic enzymes that accelerate protein folding. It is a 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.

Human recombinant protein Cyclophilin F - References

Bergsma D.J.,et al.J. Biol. Chem. 266:23204-23214(1991).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Deloukas P.,et al.Nature 429:375-381(2004).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Johnson N.,et al.Eur. J. Biochem. 263:353-359(1999).