

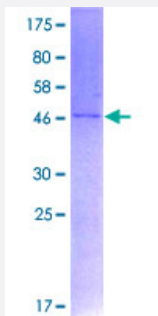
Full-Length

PPIF (Human) Recombinant Protein (P01)

Catalog # H00010105-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human PPIF full-length ORF (NP_005720.1, 1 a.a. - 207 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MLALRCGSRWLGLLSVPRSVPLRLPAARACSKGSGDPSSSSSSGNPLVYLDVDANGKPLGRVV LELKADVVPKTAENFRALCTGEKGFYKGFSTFHRVIPSFMCQAGDFTNHNGTGGKSIYGSRFPDE NFTLKHVGPVLSMANAGPNTNGSQFFICTIKTDWLDGKHVVFGHVKEGMDVVKKIESFGSKSG RTSKKIMITDCGQLS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	48.4
Interspecies Antigen Sequence	Mouse (89); Rat (89)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — PPIF

Entrez GeneID [10105](#)

GeneBank Accession# [NM_005729.3](#)

Protein Accession# [NP_005720.1](#)

Gene Name PPIF

Gene Alias CYP3, Cyp-D, FLJ90798, MGC117207

Gene Description peptidylprolyl isomerase F

Omim ID [604486](#)

Gene Ontology [Hyperlink](#)

Gene 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]

Other Designations OTTHUMP00000019925|PPIase|cyclophilin 3|cyclophilin D|cyclophilin F|peptidyl-prolyl cis-trans isomerase, mitochondrial|rotamase

Disease

- [Alzheimer Disease](#)

- [Genetic Predisposition to Disease](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)