

Peptidylprolyl Isomerase F (PPIF) Recombinant Protein | PPIF recombinant protein

Recombinant Peptidylprolyl Isomerase F (PPIF)

CATALOG # AAA135585	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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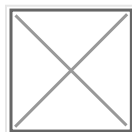
PRODUCT SYNONYMS

Peptidylprolyl Isomerase F (PPIF); Recombinant Peptidylprolyl Isomerase F (PPIF); PPIF recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	The target protein is fused with two N-terminal Tags, His-tag and T7-tag, its sequence is listed below. MGSSHHHHH HSSGLVPRGS HMASMTGGQQ MGRGSEF-NP LVYLDVGADG QPLGRVVLEL KADVVPKTAE NFRALCTGEK GFGYKGGSTFH RVIPAFMCQA GDFTNHNGTG GRSYGSFRP DENFTLKHVG PGVLSMANAG PNTNGSQFFI CTIKTDWLDG KHVVFVGHVKE GMDVVKKIES FGSKSGK
Sequence Length	206
Applicable Applications for PPIF recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Mus musculus (Mouse)
Expression System	Prokaryotic expression
Residues	Asn44~Lys192 (Accession # Q99KR7) with two N-terminal Tags, His-tag and T7-tag
Subcellular Location	Mitochondrion matrix
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Predicted Isoelectric Point	9
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	19527310
NCBI GeneID	105675
NCBI Accession #	NP_598845.1
NCBI GenBank Nucleotide #	NM_134084.1
UniProt Accession #	Q99KR7
Molecular Weight	19.9kDa
NCBI Official Full Name	peptidyl-prolyl cis-trans isomerase F, mitochondrial
NCBI Official Synonym Full Names	peptidylprolyl isomerase F (cyclophilin F)
NCBI Official Symbol	Ppif
NCBI Official Synonym Symbols	CypD; CyP-D; CyP-F; PPlase; AW457192
NCBI Protein Information	peptidyl-prolyl cis-trans isomerase F, mitochondrial; PPlase F; rotamase F; cyclophilin D; cyclophilin F; mitochondrial Cyclophilin D; peptidyl-prolyl cis-trans isomerase, mitochondrial
UniProt Protein Name	Peptidyl-prolyl cis-trans isomerase F, mitochondrial
UniProt Gene Name	Ppif
UniProt Synonym Gene Names	PPlase F; CyP-D; CypD
UniProt Entry Name	PPIF_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/ppif-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/135585>