

Cyclophilin D (CYPD) Recombinant Protein | CYPD recombinant protein

Recombinant Cyclophilin D (CYPD)

CATALOG # AAA135512	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
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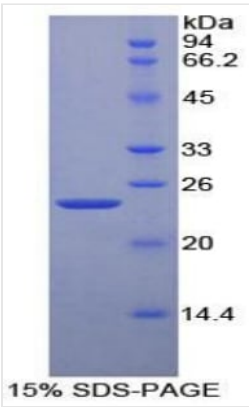
PRODUCT SYNONYMS

Cyclophilin D (CYPD); Recombinant Cyclophilin D (CYPD); CYPD recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 90%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Sequence	KPSNSKNPRV FFDVDIGGER VGRIVLELFA DIVPKTAENF RALCTGEKGT GSTTGKPLHF KGCPFHRIIK KFMIQGGDFS NQNGTGGESI YGEKFEDENF HYKHDREGLL SMANAGPNTN GSQFFITTVP TPHLDGKHVV FGQVIKGLGV ARTLENVEVN GEKPAKLCVI AECGELKEGD D
Applicable Applications for CYPD recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Mus musculus (Mouse)
Source	Prokaryotic expression
Residues	Lys9~Asp189
Tags	N-terminal His Tag
Subcellular Location	Nucleus, Cytoplasm
Traits	Freeze-dried powder
Predicted isoelectric point	6.9
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	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. 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. The loss rate is less than 5% within the expiration date under appropriate storage condition

IMAGES



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	13385854
NCBI GeneID	67738
NCBI Accession #	NP_080628.1
NCBI GenBank Nucleotide #	NM_026352.3
UniProt Accession #	Q9CR16; Q543G1
Molecular Weight	Predicted Molecular Mass: 23.5kDa Accurate Molecular Mass: 23kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	peptidyl-prolyl cis-trans isomerase D
NCBI Official Synonym Full Names	peptidylprolyl isomerase D (cyclophilin D)
NCBI Official Symbol	Ppid
NCBI Official Synonym Symbols	Ppif; Ppidl; CYP-40; 4930564J03Rik
NCBI Protein Information	peptidyl-prolyl cis-trans isomerase D; PPIase D; rotamase D; cyclophilin 40; cyclophilin-40; cytoplasmic cyclophilin D; 40 kDa peptidyl-prolyl cis-trans isomerase
UniProt Protein Name	Peptidyl-prolyl cis-trans isomerase D
UniProt Gene Name	Ppid
UniProt Synonym Gene Names	PPIase D; CYP-40
UniProt Entry Name	PPID_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/ppid-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/135512>