

Cyclophilin B (CYPB) Recombinant Protein | CYPB recombinant protein

Recombinant Cyclophilin B (CYPB)

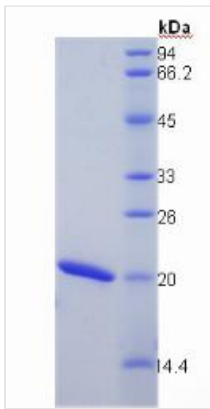
CATALOG # AAA20196	HOST E.coli	REACTIVITY Mus musculus (Mouse)	APPLICATIONS SDS-Page, Western Blot
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PRODUCT SYNONYMS

Cyclophilin B (CYPB); Recombinant Cyclophilin B (CYPB); CYPB recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Mus musculus (Mouse)
Purity/Purification	> 95%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 150ug/mL (varies by lot)
Applicable Applications for CYPB recombinant protein	Positive Control, Immunogen, SDS-PAGE, WB (Western Blot)
Application Notes	(May be suitable for use in other assays to be determined by the end user.)
Source	Prokaryotic expression
Residues	Asn34~Glu216
Tags	N-terminal His Tag
Subcellular Location	Endoplasmic reticulum lumen
Traits	Freeze-dried powder
Predicted isoelectric point	9.3
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.



NDKKKGK KVTVKVYFDL
QIGDESVGRV VFGFGKTVP KTVDNFVALA TGEKGFYKN SKFHRVIKDF
MIQGGDFTRG DGTGGKSIYG ERFPDENFKL KHYGPGWVSM ANAGKDTNGS
QFFITTVKTS WLDGKHVVFG KVLEGMDVVR KVESTKTDSR DKPLKDVIIV
DSGKIEVEKP FAIAKE

Sequence Information

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	71774133
NCBI GeneID	19035
NCBI Accession #	NP_035279.2
NCBI GenBank Nucleotide #	NM_011149.2
UniProt Accession #	P24369
Molecular Weight	Predicted Molecular Mass: 21.5kDa Accurate Molecular Mass: 21kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	peptidyl-prolyl cis-trans isomerase B
NCBI Official Synonym Full Names	peptidylprolyl isomerase B
NCBI Official Symbol	Ppib
NCBI Official Synonym Symbols	Cphn2; Cphn-2; CyP-20b; AA408962; AA553318; AI844835
NCBI Protein Information	peptidyl-prolyl cis-trans isomerase B; SCYLP; CYP-S1; PPIase B; rotamase B; S-cyclophilin; cyclophilin B
UniProt Protein Name	Peptidyl-prolyl cis-trans isomerase B
UniProt Gene Name	Ppib
UniProt Synonym Gene Names	PPIase B; SCYLP
UniProt Entry Name	PIIB_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.