

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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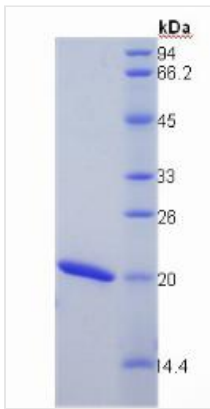
PRODUCT SYNONYMS

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.

IMAGES



Sequence Information

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

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.