

Recombinant Cyclophilin B (CYPB) Instruction Manual

SIPA504Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Endoplasmic reticulum lumen
Predicted Molecular Mass	20.4kDa
Accurate Molecular Mass	20kDa(Analysis of differences refer to the manual)
Residues & Tags	Tyr47~Glu216 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 97%
Isoelectric Point	8.5
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

YFDL
RIGDEDVGRV IFGLFGKTVP KTVDNFVALA TGEKGFYKYN SKFHRVIKDF
MIQGGDFTRG DGTGGKSIYG ERFPDENFKL KHYGPGWVSM ANAGKDTNGS
QFFITTVKTA WLDGKHVVFG KVLEGMVVVR KVESTKTDSR DKPLKDVIIA
DCGKIEVEKP FAIAKE

USAGE

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

