Recombinant Protein Phosphatase 1, Catalytic Subunit Beta Isoform (PPP1Cb) Instruction Manual

SIPE688Hu01

Homo sapiens (Human)

Source Prokaryotic expression

Host E.coli

Endotoxin Level <1.0EU per 1µg (determined by the LAL method)

Subcellular Location Nucleus, Cytoplasm

Predicted Molecular Mass 36.0kDa

Accurate Molecular Mass 36kDa(Analysis of differences refer to the manual)

Residues & Tags Phe45~Arg327 with N-terminal His Tag

Buffer Formulation 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA,

1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Traits Freeze-dried powder

Purity > 95% Isoelectric Point 5.8

Applications Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

				FLSQPI
LLELEAPLKI	CGDIHGQYTD	LLRLFEYGGF	PPEANYLFLG	DYVDRGKQSL
ETICLLLAYK	IKYPENFFLL	RGNHECASIN	RIYGFYDECK	RRFNIKLWKT
FTDCFNCLPI	AAIVDEKIFC	CHGGLSPDLQ	SMEQIRRIMR	PTDVPDTGLL
CDLLWSDPDK	DVQGWGENDR	GVSFTFGADV	VSKFLNRHDL	DLICRAHQVV
EDGYEFFAKR	QLVTLFSAPN	YCGEFDNAGG	MMSVDETLMC	SFQILKPSEK
KAKYQYGGLN	SGRPVTPPRT	ANPPKKR		

USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) 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.

STABILITY

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°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.

Image

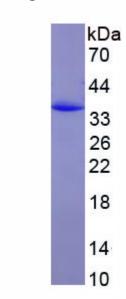


Figure. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.