

# Recombinant Polypyrimidine Tract Binding Protein 1 (PTBP1) Instruction Manual

**SIPC458Hu01**

**Homo sapiens (Human)**

<b>Source</b>	Prokaryotic expression
<b>Host</b>	E.coli
<b>Endotoxin Level</b>	<1.0EU per 1µg (determined by the LAL method)
<b>Subcellular Location</b>	Nucleus
<b>Predicted Molecular Mass</b>	60.9kDa
<b>Accurate Molecular Mass</b>	61kDa(Analysis of differences refer to the manual)
<b>Residues &amp; Tags</b>	Met1~Ile531 with N-terminal His Tag
<b>Buffer Formulation</b>	100mMNaHCO <sub>3</sub> , 500mMNaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
<b>Traits</b>	Freeze-dried powder
<b>Purity</b>	> 90%
<b>Isoelectric Point</b>	9.2
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

## SEQUENCE

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MDGIVPDIIV  GTKRGSDLEF  STCVTNGPFI  MSSNSASAAN  GNDSKKFKGD
SRSAGVPSRV  IHIRKLPIDV  TEGEVISLGL  PFGKVTNLLM  LKGKNQAFIE
MNTEEAANTM  VNYYSVTPV  LRGQPIYIQF  SNHKELKTDS  SPNQARAQAA
LQAVNSVQSG  NLALAASAAA  VDAGMAMAGQ  SPVLRIIVEN  LFYPVTLDVD
HQIFSKFGTV  LKIITFTKNN  QFQALLQYAD  PVSQAQAKLS  LDGQNIYNAC
CTLRIDFSKL  TSLNVKYNND  KSRDYTRPDL  PSGDSQPSLD  QTMAAAFGLS
VPNVHGALAP  LAIPSAAAAA  AAAGRIAIPG  LAGAGNSVLL  VSNLNPVRT
PQSLFILFGV  YGDVQRVKIL  FNKKENALVQ  MADGNQAQLA  MSHLNHKLH
GKPIRITLSK  HQNVQLPREG  QEDQGLTKDY  GNSPLHRFKK  PGSKNFQNI
PPSATLHLSN  IPPSVSEEDL  KVLFSSEGGV  VKGKFFQKD  RKMALIQMGS
VEEAVQALID  LHNHDLGENH  HLRVSFSKST  I
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## USAGE

Reconstitute in ddH<sub>2</sub>O 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**



SDS-PAGE Image

## **[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.