Recombinant Polypyrimidine Tract Binding Protein 1 (PTBP1) Instruction Manual

SIPC458Hu01

Homo sapiens (Human)

Source Prokaryotic expression

Host E.coli

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

Subcellular LocationNucleusPredicted Molecular Mass60.9kDa

Accurate Molecular Mass 61kDa(Analysis of differences refer to the manual)

Residues & Tags Met1~Ile531 with N-terminal His Tag

100mMNaHCO₃, 500mMNaCl, pH8.3, containing 1mM

Buffer Formulation EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and

Proclin300.

Traits Freeze-dried powder

Purity > 90% Isoelectric Point 9.2

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

SEQUENCE

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MDGIVPDIAV GTKRGSDELF STCVTNGPFI MSSNSASAAN GNDSKKFKGD
SRSAGVPSRV IHIRKLPIDV TEGEVISLGL PFGKVTNLLM LKGKNQAFIE
MNTEEAANTM VNYYTSVTPV LRGQPIYIQF SNHKELKTDS SPNQARAQAA
LQAVNSVQSG NLALAASAAA VDAGMAMAGQ SPVLRIIVEN LFYPVTLDVL
HQIFSKFGTV LKIITFTKNN QFQALLQYAD PVSAQHAKLS LDGQNIYNAC
CTLRIDFSKL TSLNVKYNND KSRDYTRPDL PSGDSQPSLD QTMAAAFGLS
VPNVHGALAP LAIPSAAAAA AAAGRIAIPG LAGAGNSVLL VSNLNPERVT
PQSLFILFGV YGDVQRVKIL FNKKENALVQ MADGNQAQLA MSHLNGHKLH
GKPIRITLSK HQNVQLPREG QEDQGLTKDY GNSPLHRFKK PGSKNFQNIF
PPSATLHLSN IPPSVSEEDL KVLFSSNGGV VKGFKFFQKD RKMALIQMGS
VEEAVOALID LHNHDLGENH HLRVSFSKST I
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USAGE

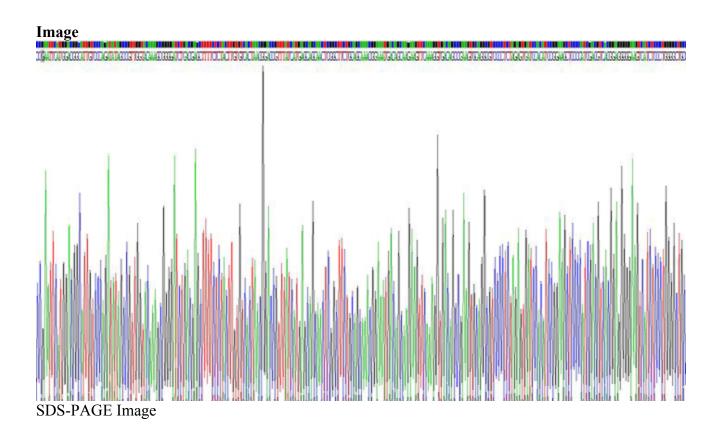
Reconstitute in ddH_2O to a concentration of 0.1-1.0 mg/mL. Do not vortex.

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.



[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.