

Polypyrimidine tract-binding protein 1 (PTBP1) Recombinant Protein | PTBP1 recombinant protein

Recombinant Human Polypyrimidine tract-binding protein 1 (PTBP1)

CATALOG # AAA113266	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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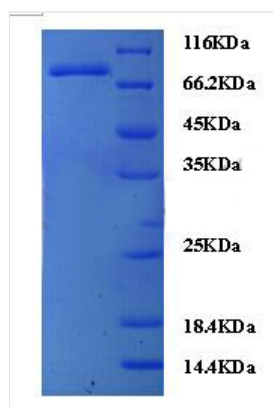
PRODUCT SYNONYMS

Polypyrimidine tract-binding protein 1 (PTBP1); Recombinant Human Polypyrimidine tract-binding protein 1 (PTBP1); PTBP1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-557aa; Full Length of Isoform 3
Sequence	MDGIVPDIIV GTKRGSDELF STCVTNGPFI MSSNSASAAN GNDSKKFKGD SRSAGVPSRV IHIRKLPIDV TEGEVISLGL PFGKVTNLLM LKGKNQAFIE MNTEEAANTM VNYYSVTVPV LRGQPIYIQF SNHKELKIDS SPNQARAQAA LQAVNSVQSG NLALAASAAA VDAGMAMAGQ SPVLRIIVEN LFYPVTLDEL HQIFSKFGTV LKIITFTKNN QFQALLQYAD PVSAQHAKLS LDGQNIYNAC CTRLIDFSKL TSLNVKYNND KSRDYTRPD PSGDSQPSLD QTMAAAGAP GIISASPYAG AGFPPTFAIP QAAGLSVPNV HGALAPLAIP SAAAAAAG RIAIPLAGA GNSVLLVSNL NPERVTPQSL FILFGVYGDV QRVKILFNKK ENALVQMDG NQAQLAMSHL NGHKLHGKPI RITLSKHQNV QLPREGQEDQ GLTKDYGNP LHRFKKPGSK NFQNIFFPSA TLHLSNIPPS VSEEDLKVLF SSNGGVVKGK KFFQKDRKMA LIQMGSVEEA VQALIDLHNH DLGENHHLRV SFSKSTI
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for PTBP1 recombinant protein	This gene belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA-binding proteins and they complex with heterogeneous nuclear RNA (hnRNA). These proteins are associated with pre-mRNAs in the nucleus and appear to influence pre-mRNA processing and other aspects of mRNA metabolism and transport. While all of the hnRNPs are present in the nucleus, some seem to shuttle between the nucleus and the cytoplasm. The hnRNP proteins have distinct nucleic acid binding properties. This protein has four repeats of quasi-RNA recognition motif (RRM) domains that bind RNAs. This protein binds to the intronic polypyrimidine tracts that requires pre-mRNA splicing and acts via the protein degradation ubiquitin-proteasome pathway. It may also promote the binding of U2 snRNP to pre-mRNAs. This protein is localized in the nucleoplasm and it is also detected in the perinucleolar structure. Alternatively spliced transcript variants encoding different isoforms have been described.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4506243
NCBI GeneID	5725
NCBI Accession #	NP_002810.1
NCBI GenBank Nucleotide #	NM_002819.4
UniProt Accession #	P26599; Q9BUQ0
Molecular Weight	63.1 kDa
NCBI Official Full Name	polypyrimidine tract-binding protein 1 isoform a
NCBI Official Synonym Full Names	polypyrimidine tract binding protein 1
NCBI Official Symbol	PTBP1
NCBI Official Synonym Symbols	PTB; PTB2; PTB3; PTB4; pPTB; HNRPI; PTB-1; PTB-T; HNRNPI; HNRNP-I
NCBI Protein Information	polypyrimidine tract-binding protein 1
UniProt Protein Name	Polypyrimidine tract-binding protein 1
UniProt Gene Name	PTBP1
UniProt Synonym Gene Names	PTB; PTB; hnRNP I

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.

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Online datasheet: <https://www.aaabiotech.com/ptbp1-recombinant-protein-e-coli/113266>