Recombinant Human PTBP1 protein, GST-tagged

Cat. No. PTBP1-2041H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PTBP1 protein(1-370 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-370 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na_2HPO_4, 17 mM NaH_2PO_4, 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	MDGIVPDIAVGTKRGSDELFSTCVTNGPFIMSSNSASAANGNDSKKFKGDSRSAGV PSRVIHIRKLPIDVTEGEVISLGLPFGKVTNLLMLKGKNQAFIEMNTEEAANTMVNYYT SVTPVLRGQPIYIQFSNHKELKTDSSPNQARAQAALQAVNSVQSGNLALAASAAAVD AGMAMAGQSPVLRIIVENLFYPVTLDVLHQIFSKFGTVLKIITFTKNNQFQALLQYADP VSAQHAKLSLDGQNIYNACCTLRIDFSKLTSLNVKYNNDKSRDYTRPDLPSGDSQPS LDQTMAAAFGAPGIISASPYAGAGFPPTFAIPQAAGLSVPNVHGALAPLAIPSAAAAA AAAGRIAIPGLAGAGNSVLLVSNL
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.

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Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 12 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 µg/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name	PTBP1 polypyrimidine tract binding protein 1 [Homo sapiens]
Official Symbol	PTBP1
Synonyms	PTBP1; polypyrimidine tract binding protein 1; polypyrimidine tract binding protein (heterogeneous nuclear ribonucleoprotein I) , PTB; polypyrimidine tract-binding protein 1; heterogeneous nuclear ribonucleoprotein I; HNRNP I; HNRPI; pPTB; PTB 1; PTB2; PTB3; PTB4; hnRNP I; RNA-binding protein; 57 kDa RNA-binding protein PPTB-1; heterogeneous nuclear ribonucleoprotein polypeptide I; polypyrimidine tract binding protein (heterogeneous nuclear ribonucleoprotein I); PTB; PTB-1; PTB-T; HNRNPI; HNRNP-I; MGC8461; MGC10830;
Gene ID	5725
mRNA Refseq	NM_002819
Protein Refseq	NP_002810
MIM	600693
UniProt ID	P26599

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SDS-PAGE

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