Recombinant Human Polypyrimidine tract-binding protein 1(PTBP1)

Catalog Number: CSB-MP018948HU

Product Name:	Recombinant Human Polypyrimidine tract-binding protein 1(PTBP1)
Alternative names:	57 kDa RNA-binding protein PPTB-1
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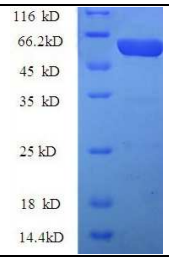
Relevance :	Plays a role in pre-mRNA splicing and in the regulation of alternative splicing events. Activates exon skipping of its own pre-mRNA during muscle cell differentiation. Binds to the polypyrimidine tract of introns. May promote RNA looping when bound to two separate polypyrimidine tracts in the same pre-mRNA. May promote the binding of U2 snRNP to pre-mRNA. Cooperates with RAVER1 to modulate switching between mutually exclusive exons during maturation of the TPM1 pre-mRNA. Represses the splicing of MAPT/Tau exon 10.
Mol. Weight:	62kd
Product Info :	His-tagged
Source:	Mammalian cell derived
Image:	
Purity:	>90%(SDS-PAGE)
Storage Buffer:	20mM Tris-HCl, 0.5M NaCl, pH 8.0,50% glycerol
Storage :	Store at -20℃, for extended storage, conserve at -20℃ or -80℃.
Notes :	Repeated freezing and thawing is not recommended. Store working aliquots at 4℃ for up to one week.
AA sequence:	MDGIVPDIAVGTKRGSDELFSTCVTNGPFIMSSNSASAANGNDSKKFKGDSRSAGVPSRV IHIRKLPIDVTEGEVISLGLPFGKVTNLLMLKGKNQAFIEMNTEEAANTMVNYYTSVTPVLR GQPIYIQFSNHKELKTDSSPNQARAQAALQAVNSVQSGNLALAASAAAVDAGMAMAGQS PVLRIIVENLFYPVTLDVLHQIFSKFGTVLKIITFTKNNQFQALLQYADPVSAQHAKLSLDGQ NIYNACCTLRIDFSKLTSLNVKYNNDKSRDYTRPDLPSGDSQPSLDQTMAAAFGAPGIISA SPYAGAGFPPTFAIPQAAGLSVPNVHGALAPLAIPSAAAAAAAAGRIAIPGLAGAGNSVLLV SNLNPERVTPQSLFILFGVYGDVQRVKILFNKKENALVQMADGNQAQLAMSHLNGHKLH GKPIRITLSKHQNVQLPREGQEDQGLTKDYGNSPLHRFKKPGSKNFQNIFPPSATLHLSNI PPSVSEEDLKVLFSSNGGVVKGFKFFQKDRKMALIQMGSVEEAVQALIDLHNHDLGENH HLRVSFSKSTI
References:	"Characterization of cDNAs encoding the polypyrimidine tract-binding protein." Gil A., Sharp P.A., Jamison S.F., Garcia-Blanco M.A. Genes Dev. 5:1224-1236(1991)