Recombinant Human PTBP2 protein, His-tagged

Cat. No. PTBP2-83H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PTBP2, fused with N-His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	546aa(including fusion tag)
Description	RNA-binding protein which binds to intronic polypyrimidine tracts and mediates negative regulation of exons splicing. May antagonize in a tissue-specific manner the ability of NOVA1 to activate exon selection. Beside its function in pre-mRNA splicing, plays also a role in the regulation of translation. Isoform 5 has a reduced affinity for RNA.
Form	20mM Tris.Cl, 50mM NaCl, 50% Glycerol, pH8.0.
Molecular Mass	59.4kDa(including fusion tag)
Applications	WB, ELISA, IP, antibody production, protein array
Storage	Store at -80centigrade and avoid repeated freeze-thaw cycles

GENE INFORMATION

Gene Name	PTBP2 polypyrimidine tract binding protein 2 [Homo sapiens]

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Official Symbol	PTBP2
Synonyms	PTBP2; polypyrimidine tract binding protein 2; polypyrimidine tract-binding protein 2; brPTB; nPTB; PTB; PTBLP; PTB-like protein; splicing regulator; neurally-enriched homolog of PTB; neural polypyrimidine tract binding protein; neural polypyrimidine tract-binding protein; nPTB5; nPTB6; nPTB7; nPTB8; FLJ34897;
Gene ID	58155
mRNA Refseq	NM_021190
Protein Refseq	NP_067013
MIM	608449
UniProt ID	Q9UKA9
Chromosome Location	1p21.3
Pathway	mRNA processing, organism-specific biosystem;
Function	mRNA binding; nucleotide binding;

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