

Recombinant Human PTBP2 protein, Full Length, N-His tagged

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

SPECIFICATION

Product Overview	Recombinant Full Length Human PTBP2 protein with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length
Description	The protein encoded by this gene binds to intronic polypyrimidine clusters in pre-mRNA molecules and is implicated in controlling the assembly of other splicing-regulatory proteins. This protein is very similar to the polypyrimidine tract binding protein (PTB) but most of its isoforms are expressed primarily in the brain. Alternative splicing results in multiple transcript variants.
Molecular Mass	58 kDa
AA Sequence	MHHHHHHHHHDGIVTEVAVGVKRGSDLLSGSVLSSPNSNMSSMVVTANGNDSK KFKGEDKMDGAPSRVLHIRKLPG EVTETEVIALGLPFGKV TNILMLKGKNQAFLELAT EEAAITMVNYYS AVTPHLRNQPIYIQYSNHKELKTDNTLNQRAQAVLQAVTAVQTAN TPLSGTTVSESAVTPAQSPVLR IIIDNMYYPVTL DVLHQIFSKFGAVLK IITFTKNNQFQ ALLQYGDPVNAQQAKLALDGQNIYNACCTLRIDFSKLVNLNVKYNNDKSRDYTRPDL PSGDGQPALDPAIAAAFAKETSL LAVPGALSPLAIPNAAAAAAAAAAGRVGMPGVSA GGNTVLLVSNLNEEMVTPQSLFTLFGVYGDVQRVKILYNKKDSALIQMADGNQSQLA MNLNGQKMYGKIIRVTL SKHQTVQLPREGLDDQGLTKDFGNSPLHRFKKPGSKNF

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QNIFFPSATLHLSNIPPSVAEEDLRTLFLANTGGTVKAFKFFQDHKMALLQMATVEEAI
QALIDLHNYNLGENHHLRVSFSKSTI

Purity > 95% by SDS-PAGE

Storage Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Concentration 7 mg/mL by BCA

Storage Buffer Sterile 50mM Tris, 300mM NaCl, 1mM EDTA, pH 7.6

GENE INFORMATION

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

Official Symbol PTBP2

Synonyms PTBP2; polypyrimidine tract binding protein 2; nPTB; PTBLP; brPTB; polypyrimidine tract-binding protein 2; PTB-like protein; neural polypyrimidine tract binding protein; neurally-enriched homolog of PTB

Gene ID 58155

mRNA Refseq NM_021190

Protein Refseq NP_067013

MIM 608449

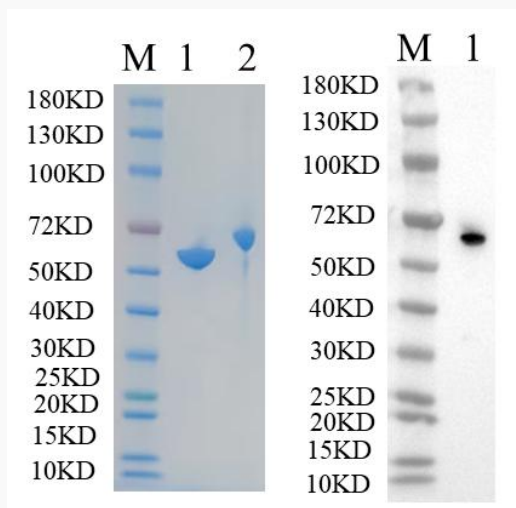
UniProt ID Q9UKA9

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**Reducing 12% SDS-
PAGE (CBB stained)
and WB (Anti-His
Mouse Monoclonal
antibody) analysis
profiles of purified
PTBP2.**



1.PTBP2

2.BSA