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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

PTBP1 (Human) Recombinant Protein (Q01)

Catalog Number: H00005725-Q01

Regulation Status: For research use only (RUO)

Product Description: Human PTBP1 partial ORF (NP_002810, 45 a.a. - 144 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:
KKFKGDSRSAGVPSRVIHIRKLPIDVTEGEVISLGLPFG
KVTNLLMLKGKNQAFIEMNTEEAANTMVNYYTSVTPVL
RGQPIYIQFSNHKELKTDSSPNQ

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 36.74

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Preparation Method: *in vitro* wheat germ expression system

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 5725

Gene Symbol: PTBP1

Gene Alias: HNRNP-I, HNRNPI, HNRPI, MGC10830, MGC8461, PTB, PTB-1, PTB-T, PTB2, PTB3, PTB4, pPTB

Gene Summary: 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. The protein encoded by this gene 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. [provided by RefSeq]