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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

PABPC1 (Human) Recombinant Protein (P01)

Catalog Number: H00026986-P01

Regulation Status: For research use only (RUO)

Product Description: Human PABPC1 full-length ORF (NP_002559.2, 1 a.a. - 636 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MNPSAPSYPMASLYVGDLPDVTEAMLYEKFSAPGPI
LSIRVCRDMITRRSLGYAYVNFQQPADAERALDTMNF
DVIKGGKPVIMWSQRDPSLRKSGVGNIFIKNLKSIDN
KALYDTFSAFGNLSCKVVCDENGSKGYGFVHFETQE
AAERAIEKMNGMMLLNDKRVFVGRFKSRKEREAEALGAR
AKEFTNVYIKNFGEDMDDERLKDLPFGKFGPALSVM
TDESGKSKGFGFVSFERHEDAQKAVDEMNGKELNGK
QIYVGRAQKKVERQTELKRKFEQMKQDRITRYQGVNL
YVKNLDDGIDDERLRKEFSPFGTITSAKVMMEGGRSK
GFGFVCFSSPEEATKAVTEMNGRIVATKPLYVALAQR
KEERQAHLTNQYMQRMASVRAVPNPVINPYQPAPPS
GYFMAAIPQTQNRAAYPPSQIAQLRSPRWTAQGAR
PHPFQNMPGAIRPAAPRPPFSTMRPASSQVPRVMST
QRVANTSTQTMGPRPAAAAAATPAVRTVPQYKYAA
GVRNPQQHLNAQPQVTMQQPAVHVQGGQEPLTASML
ASAPPQEQQMLGERLFPLIQAMHPTLAGKITGMLLEI
DNSELLHMLESPELSRSKVDEAVAVLQAHQAKEAAQK
AVNSATGVPTV

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 97.1

Interspecies Antigen Sequence: Mouse (99); Rat (99)

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: 26986

Gene Symbol: PABPC1

Gene Alias: PAB1, PABP, PABP1, PABPC2, PABPL1

Gene Summary: The poly(A)-binding protein (PABP), which is found complexed to the 3-prime poly(A) tail of eukaryotic mRNA, is required for poly(A) shortening and translation initiation. In humans, the PABPs comprise a small nuclear isoform and a conserved gene family that displays at least 3 functional proteins: PABP1 (PABPC1), inducible PABP (iPABP, or PABPC4; MIM 603407), and PABP3 (PABPC3; MIM 604680). In addition, there are at least 4 pseudogenes, PABPCP1 to PABPCP4.[supplied by OMIM]

References:

1. Interplay between Polyadenylate-Binding Protein 1 and Kaposi's Sarcoma-Associated Herpesvirus ORF57 in Accumulation of Polyadenylated Nuclear RNA, a Viral Long Noncoding RNA. Massimelli MJ, Majerciak V, Kruhlik M, Zheng ZM. J Virol. 2013 Jan;87(1):243-56. doi: 10.1128/JVI.01693-12. Epub 2012 Oct 17.