

Recombinant Full Length Human PABPC1 Protein, GST-tagged

Cat. No. PABPC1-620HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human PABPC1(1 a.a. - 636 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	636 amino acids
Description	This gene encodes a poly(A) binding protein. The protein shuttles between the nucleus and cytoplasm and binds to the 3' poly(A) tail of eukaryotic messenger RNAs via RNA-recognition motifs. The binding of this protein to poly(A) promotes ribosome recruitment and translation initiation; it is also required for poly(A) shortening which is the first step in mRNA decay. The gene is part of a small gene family including three protein-coding genes and several pseudogenes.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	97.1 kDa
AA Sequence	MNPSAPSYPM ASLYVGD LHP DVTEAMLYEK FSPAGPILSI RVCRDMITRR SLGYAYVNFQ QPADAERALD TMNFDVIK GK PVRIMWSQRD PSLRKSGVGN IFIKNLDKSI DNKALYDTFS AFGNILSCKV VCDENGSKGY GFVHFETQEA AERAIEKMNG MLLNDRKV FV GRFKSRKERE AELGARAKEF TNVYIKNFGE DMDDERL KDL FGKFGPALSV KVMTDESGKS KGFGFVSFER HEDAQKAVDE

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MNGKELNGKQ IYVGRAQKKV ERQTELKRKF EQMKQDRITR YQGVNLYVKN
 LDDGIDDERL RKEFSPFGTI TSAKVMMEGG RSKGFGFVCF SSPEEATKAV
 TEMNGRIVAT KPLYVALAQR KEERQAHLTN QYMQRMASVR AVPNPVINPY
 QPAPPSGYFM AAIPQTQNRA AYYPPSQIAQ LRPSRWTAQ GARPHPFQNM
 PGAIRPAAPR PPFSTMRPAS SQVPRVMSTQ RVANTSTQTM GPRPAAAAAA
 ATPAVRTVPQ YKYAAGVRNP QQHLNAQPQV TMQQPAVHVQ GQEPLTASML
 ASAPPQEQKQ MLGERLFPLI QAMHPTLAGK ITGMLLEIDN SELLHMLESP
 ESLRSKVDEA VAVLQAHQAK EAAQKAVNSA TGVPTV

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
 Antibody Production; Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION
Gene Name

PABPC1 poly(A) binding protein, cytoplasmic 1 [Homo sapiens]

Official Symbol

PABPC1

Synonyms

PABPC1; poly(A) binding protein, cytoplasmic 1; PAB1, PABPC2, poly(A) binding protein, cytoplasmic 2; polyadenylate-binding protein 1; PABP1; PABPL1; poly(A) binding protein, cytoplasmic 2; PAB1; PABP; PABPC2

Gene ID

26986

mRNA Refseq

NM_002568

Protein Refseq

NP_002559

MIM

604679

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UniProt ID

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