Recombinant Human Polyadenylate-binding protein 4 (PABPC4)

Product Code	CSB-BP615676HU
Abbreviation	PABPC4
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q13310
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MNAAASSYPM ASLYVGDLHS DVTEAMLYEK FSPAGPVLSI RVCRDMITRR SLGYAYVNFQ QPADAERALD TMNFDVIKGK PIRIMWSQRD PSLRKSGVGN VFIKNLDKSI DNKALYDTFS AFGNILSCKV VCDENGSKGY AFVHFETQEA ADKAIEKMNG MLLNDRKVFV GRFKSRKERE AELGAKAKEF TNVYIKNFGE EVDDESLKEL FSQFGKTLSV KVMRDPNGKS KGFGFVSYEK HEDANKAVEE MNGKEISGKI IFVGRAQKKV ERQAELKRKF EQLKQERISR YQGVNLYIKN LDDTIDDEKL RKEFSPFGSI TSAKVMLEDG RSKGFGFVCF SSPEEATKAV TEMNGRIVGS KPLYVALAQR KEERKAHLTN QYMQRVAGMR ALPANAILNQ FQPAAGGYFV PAVPQAQGRP PYYTPNQLAQ MRPNPRWQQG GRPQGFQGMP SAIRQSGPRP TLRHLAPTGS ECPDRLAMDF GGAGAAQQGL TDSCQSGGVP TAVQNLAPRA AVAAAAPRAV APYKYASSVR SPHPAIQPLQ APQPAVHVQG QEPLTASMLA AAPPQEQKQM LGERLFPLIQ TMHSNLAGKI TGMLLEIDNS ELLHMLESPE SLRSKVDEAV AVLQAHHAKK EAAQKVGAVA AATS
Source	Baculovirus
Target Names	PABPC4
Protein Names	Recommended name: Polyadenylate-binding protein 4 Short name= PABP-4 Short name= Poly(A)-binding protein 4 Alternative name(s): Activated-platelet protein 1 Short name= APP-1 Inducible poly(A)-binding protein Short nam
Expression Region	1-644
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	Poly(A)-binding proteins (PABPs) bind to the poly(A) tail present at the 3-prime ends of most eukaryotic mRNAs. PABPC4 or IPABP (inducible PABP) was isolated as an activation-induced T-cell mRNA encoding a protein. Activation of

	T cells increased PABPC4 mRNA levels in T cells approximately 5-fold. PABPC4 contains 4 RNA-binding domains and proline-rich C terminus. PABPC4 is localized primarily to the cytoplasm. It is suggested that PABPC4 might be necessary for regulation of stability of labile mRNA species in activated T cells. PABPC4 was also identified as an antigen, APP1 (activated-platelet protein-1), expressed on thrombin-activated rabbit platelets. PABPC4 may also be involved in the regulation of protein translation in platelets and megakaryocytes or may participate in the binding or stabilization of polyadenylates in platelet dense granules. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.