

Datasheet for ABIN7550338
PABPC4 Protein (AA 1-644) (His tag)



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Overview

Quantity:	1 mg
Target:	PABPC4
Protein Characteristics:	AA 1-644
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PABPC4 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat PABPC4 Protein expressed in mammalien cells.
Sequence:	MNAAASSYPM ASLYVGDLSH DVTEAMLYEK FSPAGPVLSI RVCRDMITRR SLGYAYVNFQ QPADAERALD TMNFDVIKGG PIRIMWSQRD PSLRKSGVGN VFIKNLDKSI DNKALYDTFS AFGNILSCKV VCDENGSKGY AFVHFETQEA ADKAIEKMNG MLLNDRKVFV GRFKSRKERE AELGAKAKEF TNVYIKNFG EVDDESLKEL FSQFGKTL SV KVMRDPNGKS KGFGFVSYEK HEDANKAVEE MNGKEISGKI IFVGRAQKKV ERQAE LKRKF EQLKQERISR YQGVNLYIKN LDDTIDDEKL RKEFSPFGSI TSAKVMELEDG 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 Sequence without tag. The

proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

Grade:

custom-made

Target Details

Target:

PABPC4

Alternative Name:

PABPC4 ([PABPC4 Products](#))

Background:

Polyadenylate-binding protein 4 (PABP-4) (Poly(A)-binding protein 4) (Activated-platelet protein 1) (APP-1) (Inducible poly(A)-binding protein) (iPABP),FUNCTION: Binds the poly(A) tail of mRNA. May be involved in cytoplasmic regulatory processes of mRNA metabolism. Can probably bind to cytoplasmic RNA sequences other than poly(A) in vivo (By similarity). {ECO:0000250}.

Molecular Weight:

70.8 kDa

UniProt:

[Q13310](#)

Pathways:

[SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months
