

Datasheet for ABIN7554869
PASD1 Protein (AA 1-773) (His tag)



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Overview

Quantity:	1 mg
Target:	PASD1
Protein Characteristics:	AA 1-773
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PASD1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat PASD1 Protein expressed in mammalian cells.
Sequence:	MKMRGEKRRD KVNPKSSQRK LNWIPSFPTY DYFNQVTLQL LDGFMITLST DGVIICVAEN ISSLLGHLPA EIVGKKLLSL LPDEEKDEVY QKIILKFPLL NSETHIEFCC HLKRGNVEHG DSSAYENVKF IVNVRDICNE FPVVFSGLFS SHLCADFAAC VPQEDRLYL VGNVCILRTQL LQQLYTSKAV SDEAVLTQDS DEEPFVGELS SSQGQRGHTS MKAVYVEPAA AAAAAAISDD QIDIAEVEQY GPQENVHMFV DSDSTYCSST VFLDTMPESP ALSLQDFRGE PEVNPLYRAD PVDLEFSVDQ VDSVDQEGPM DQQDPENPVA PLDQAGLMDP VDPEDSVDLG AAGASAPLQ PSSPVAYDII SQEELMKKL KEQLEERTWL LHDAIQNQN ALELMMDDLQ KQPNTLRHV IPDLQSSEAV PPKQQKQHAG QVKRPLPHPK DVKCFGLSL SNSLKNTGEL QEPCVAFNQQ QLVQQEQHLK EQQRQLREQL QQLREQRKVQ KQKKMQEKKK LQEQKMQEKK KLQEQRQKQK KKLQERKKWQ GQMLQKEPEE EQKQQLQEQ PLKHNVIVGN ERVQICLQNP RDVSVPLCNH PVRFLQAQPI VPVQRAAEQQ PSGFYQDENC GQQEDESQSF YPEAYQPPV NQLPLIDTSN

Product Details

SEAISSSSIP QFPITSDSTI STLETPQDYI RLWQELSDSL GPVVQVNTWS CDEQGT LHGQ
PTYHQVQVSE VGVEGPPDPQ AFQGPAAYQP DQMRS AEQTR LMPAEQRDSN KPC **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:

PASD1

Alternative Name:

PASD1 ([PASD1 Products](#))

Background:

Circadian clock protein PASD1 (Cancer/testis antigen 63) (CT63) (OX-TES-1) (PAS domain-containing protein 1),FUNCTION: Functions as a suppressor of the biological clock that drives the daily circadian rhythms of cells throughout the body (PubMed:25936801). Acts as a nuclear repressor of the CLOCK-BMAL1 heterodimer-mediated transcriptional activation of the core clock components (PubMed:25936801). Inhibits circadian clock function in cancer cells, when overexpressed (PubMed:25936801). {ECO:0000269|PubMed:25936801}.

Molecular Weight:

87.4 kDa

Target Details

UniProt: [Q8IV76](#)

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