

Datasheet for ABIN7556541
PCIF1 Protein (AA 1-706) (His tag)



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Overview

Quantity:	1 mg
Target:	PCIF1
Protein Characteristics:	AA 1-706
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PCIF1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Pcif1 Protein expressed in mammalian cells.
Sequence:	<p>MANENHGSPR EGASLLSHSP GTSSQSQPCS PKPVRLVQDL PEELVHAGWE KCWSRRESRP</p> <p>YYFNRFTNQS LWEMPVLGQH DVLSDDLGLN ATPLPDSSSL VETPPVENKS RKRQLSEEQP</p> <p>SGNGVKKPKI EIPVTPTSQS VPSSPSIPGT PTLKIWSST EDKQAALLRP TEVYWDLDIQ</p> <p>TNAVIKHRGP SEVLPPHPDV ELLRSQILK LRQHYRELCQ QREGIEPPRE SFNRWMLERK</p> <p>VVDKGCPLL PSNCEPVVSP SMFREIMNDI PIRLSRIKFR EEAARLLFKY AEAARLLIES</p> <p>RSASPDNRKV VKWNVEDTFS WLRKEHSASK EDYMDRLEHL RRQCGPHVSA AAKDSVEGIC</p> <p>SKIYHISLEY VKRIREKHLA VLKENNIPEE VEASELEPRL VYCYPVRLAV SAPPMPVEM</p> <p>HVENSVCIR YKGEMVKVSR SYFSKLWLLY RYSCVDDSAF ERFLPRVWCL LRRYQMMFGV</p> <p>GLYEGTGLQG SLPVHVFTL HRLFGVSFEC FASPLNCYFR QYCSAFPDTD GYFGSRGPCL</p> <p>DFTPLSGSFE ANPPFCEELM DAMVSHFEKL LESSAEPLSF IVFIPEWREP PTPALTRMEQ</p> <p>SRFKRHQLVL PAFEHEYRSG SQHICKKEEM HYKAVHNTAV LFLQNGPGFA KWGPTPERLQ</p>

ELTAAYKQSG RSHGSSSSSS SSSSSSEAKD RDSGREQGPS REPHPT **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:

PCIF1

Alternative Name:

Pcif1 ([PCIF1 Products](#))

Background:

MRNA (2'-O-methyladenosine-N(6)-methyltransferase (EC 2.1.1.62) (Cap-specific adenosine methyltransferase) (CAPAM) (Phosphorylated CTD-interacting factor 1),FUNCTION: Cap-specific adenosine methyltransferase that catalyzes formation of N(6),2'-O-dimethyladenosine cap (m6A(m)) by methylating the adenosine at the second transcribed position of capped mRNAs (PubMed:30487554). Recruited to the early elongation complex of RNA polymerase II (RNAPII) via interaction with POLR2A and mediates formation of m6A(m) co-transcriptionally (By similarity). {ECO:0000250|UniProtKB:Q9H4Z3, ECO:0000269|PubMed:30487554}.

Molecular Weight:

80.5 kDa

Target Details

UniProt: [P59114](#)

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