

Datasheet for ABIN7564228
RPAP1 Protein (AA 1-1409) (His tag)



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Overview

Quantity:	1 mg
Target:	RPAP1
Protein Characteristics:	AA 1-1409
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RPAP1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Rpap1 Protein expressed in mammalian cells.
Sequence:	<p>MMLSRPKPGE SEVDLLRFQS QFLEAGAAPA VQLVKGSRRH GDAPPDRLPP QDHRDVVMLD NLPDLPPALL PAKRARS PGHPLPHDED PEERLNRHDQ HITAVLSKIV ERDTSSVTVT LPVPSGVAFP PVFHRSQERQ VKPAASGKRS IFAQEIAARR VSGNRVTSAE QVWPSLDTPE GAVPCETPSF RDRSNQLPGR SHGFHRPNLV TGKGLRSKVA EQEVQTIHEE NVARLQAMDP EEILKEQQQL LAQLDPSLVA FLRSHSQVQE QTGKATKKQ SPKRPSVLVT KEEPVTSTRT REPRTGDKLE EKPEATVEDK MEDKLQPRTP ALKLPMTPSK DWLHMDTVEL DKLHWTQDLP PLRRQQTQER MQARFSLQGE LLAPDVLPT HLGLHHHGEE AERAGYSLQE LFHLTRSQVS QQRALALQVL SQIVGRAQAG EFGDRLVGSV LRLLLDAGFL FLLRFSLDDR VDSVIAAAVR ALRTLLVAPG DEELLDRTFS WYHGASVFPL MPSQDDKEDE DEDEELETEK VKRKTPEEGS RPPDLARHD VIKGLLATNL LPRLRYVLEV TCGPSVILD ILAVLIRLAR HSLESAMRVL ECPRLMETIV QEFLPTSWSP IGVGTPPSLY KVPCASAMKL LRVLASAGRN IAARLLSGFD VRSRLCRFIA EAPHDLALPP EEAEILTTEA FRLWAVAASY GQGGDLYREL YPVLLRALQT</p>

LPTELSAHPL QPLAMQRVAA LFTLLTQLTL AASSIPPEPA SGPAESCVPA IPSSVTWTQV
SGLKPLVEPC LKQTLKFLPR PDVWNALGPV PSACLLFLGA YYQAWSRQSH LCPEDWLQDM
ERLLDESLLP LLSQPPLGSL WDSLRCDSPL CNPLSCASNP EALPSLVSLG CAGGCPPLSV
AGSASPFPFLL TALLSLINTL VQSHKGLCGQ LSAVLTAPGL QNYFLQCVAP APAPQLTPFS
AWALHHEYHL QYLVLSFAHK AATLQPEPAA STALHHAVAL VLLSRLLPGS EYLAQELLLS
CVFRLEFLPE SASGGPEAAD FSDGLSLGSS GDPQCRRGAL LVQACRDLPS IRSCYLAHCS
PARASLLSSQ ALYCGELLRV SSSLLPVPKE PLLATDWPFFQ PLIHLYHRAS DTPSGPPAAD
TVGVAMRVLQ WVLVLESWRP EVLWAVPPAA RLARLMCVYL VDSELFRETP IQRLVAALLA
RLCRPQVLPN LKLDCLPGL TSFPDLYASF LDHFEAVSFG DHLFGALVLL PLQRRFSVTL
RLALFGEHVG VLRALGLPLT QLPVPLECYT EPAEDSLPLL QLYFRALVTG TLRARWCPII
YTVAVAHVNS FIFCQDPKSS DEVKTARRSM LQRTWLLTDE GLRQHLLHYK LPNSSLPEGF
ELYSQLPRLR QQCLQTLPTE GLQNGGVKT **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.**

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target:	RPAP1
Alternative Name:	Rpap1 (RPAP1 Products)
Background:	RNA polymerase II-associated protein 1,FUNCTION: Forms an interface between the RNA polymerase II enzyme and chaperone/scaffolding protein, suggesting that it is required to connect RNA polymerase II to regulators of protein complex formation. Required for interaction of the RNA polymerase II complex with acetylated histone H3 (By similarity). {ECO:0000250}.
Molecular Weight:	155.3 kDa
UniProt:	Q80TE0

Application Details

Application Notes:	We expect the protein to work for functional studies. 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