

Datasheet for ABIN7555263
RPAP1 Protein (AA 1-1393) (His tag)



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Overview

Quantity:	1 mg
Target:	RPAP1
Protein Characteristics:	AA 1-1393
Origin:	Human
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>MLSRPKPGES EVDLLHFQSQ FLAAGAAPAV QLVKKGNRGG GDANSRPPPL QDHRDVVMLD NLPDLPPALV PSPPKRARPS PGHCLPEDED PEERLRRHDQ HITAVLTKII ERDTSSVAVN LPVPSGVAFP AVFLRSRDTQ GKSATSGKRS IFAQEIAARR IAEAKGPSVG EVVPNVGPPE GAVTCETPTP RNQGCQLPGS SHSFQGPLV TGKGLRDQEA EQEAQTIHEE NIARLQAMAP EEILQEQRL LAQLDPSLVA FLRSHSHTQE QTGETASEEQ RPPGGSANVT KEEPLMSAFA SEPRKRDKLE PEAPALALPV TPQKEWLHMD TVELEKLHWT QDLPPVRRQQ TQERMQARFS LQGELLAPDV DLPHTLGLHH HGEEAERAGY SLQELFHLTR SQVSQQRALA LHVLAQVISR AQAGEFGDRL AGSVLSLLLD AGFLFLLRFS LDDRVDGVIA TAIRALRALL VAPGDEELLD STFSWYHGAL TFPLMPSQED KEDEDEDEEC PAGKAKRKSP EEESRPPDL ARHDVIKGLL ATSLPRLRY VLEVTPGPA VLDILAVLI RLARHSLESA TRVLECPRLI ETIVREFLPT SWSPVGAGPT PSLYKVPAT AMKLLRVLAS AGRNIAARLL SSFDLRSRLC RIIAEAPQEL ALPPEEAEML STEALRLWAV AASYGQGGYL YRELYPVLMLR ALQVVPRELS THPPQPLSMQ</p>

RIASLLTLLT QLTLAAGSTP AETISDSAEA SLSATPSLVT WTQVSGLQPL VEPCLRQTLK
LLSRPEMWRA VGPVPVACL FLGAYYQAWS QQPSSCPEDW LQDMQRLSEE LLLPLLSQPT
LGSLWDSL RH CSLLCNPLSC VPALEAPPSL VSLGCSGGCP RLSLAGSASP FPFLTALLSL
LNTLAQIHKG LCGQLAAILA APGLQNYFLQ CVAPGAAPHL TPFSAWALRH EYHLQYLALA
LAQKAAALQP LPATHAALYH GMALALLSRL LPGSEYLTHE LLLSCVFRLE FLPERTSGGP
EAADFSDQLS LGSSRVPRCG QGTLLAQACQ DLPSIRNCYL THCSPARASL LASQALHRGE
LQRVPTLLLP MPTEPLLPTD WPFLPLIRLY HRASDTPSGL SPTDTMG TAM RVLQWVLVLE
SWRPQALWAV PPAARLARLM CVFLVDSELF RESPVQHLVA ALLAQLCQPQ VLPNLLDCR
LPGLTSFPDL YANFLDHFEA VSGFDHLFGA LVLLPLQRRF SVTLRLALFG EHV GALRALS
LPLTQLPVSL ECYTVPPEDN LALLQLYFRT LVTGALRPRW CPVLYAVAVA HVNSFIFSQD
PQSSDEVKAA RRSMLQKTWL LADEGLRQHL LHYKLPNSTL PEGFELYSQL PPLRQHLYQR
LTSTVLQNGV SET **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. {ECO:0000269 PubMed:17643375}.
Molecular Weight:	152.8 kDa
UniProt:	Q9BWH6

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