

Datasheet for ABIN7545712

## YY1AP1 Protein (AA 1-796) (His tag)



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### Overview

Quantity:	1 mg
Target:	YY1AP1
Protein Characteristics:	AA 1-796
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This YY1AP1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

### Product Details

Purpose:	Custom-made recombinat YY1AP1 Protein expressed in mammalian cells.
Sequence:	<p> MEEEEASRSAA ATNPGSRLTR WPPDPKREGS AVDPGKRRSL AATPSSSLPC TLIALGLRHE  KEANELMEDL FETFQDEMGE SNMEDDGPEE EERVAEPQAN FNTPQALRFE ELLANLLNEQ  HQIAKELFEQ LKMKKPSAKQ QKEVEKVQPQ CKEVHQTLLI DPAQRKRLQQ QMQQHVVQLLT  QIHLLATCNP NLNPEASSTR ICLKELGTFA QSSIALHHQY NPKFQTLFQP CNLMGAMQLI  EDFSTHVSID CSPHKTVKKT ANEFPCLPKQ VAWILATSKV FMYPELLPVC SLKAKNPQDK  ILFTKAEDNK YLLTCKTARQ LTVRIKNLNM NRPADNIIKF YKKTQQLPVL GKCCEEIQPH  QWKPIPEREE HRLPFWLKAS LPSIQEELRH MADGAREVGN MTGTTEINSD QGLEKDNSEL  GSETRYPLLL PKGVVLKLP VADRFPPKAW RQKRSSVLKP LLIQPSPSLQ PSFNPGKTPA  QSTHSEAPPS KMLRIPHPH QPATVLQTPV GVPPLGVSGG ESFESPAALP AMPPEARTSF  PLSESQTLLS SAPVPKVMMP SPASSMFRKP YVRRRPSKRR GARAFRCIKP APVIHPASVI  FTVPATTVKI VSLGGGCNMI QPVNAAVAQS PQTIPIATLL VNPTSFPCLP NQPLVASSVS </p>

PLIVSGNSVN LPIPSTPEDK AHMNVDIACA VADGENAFQG LEPKLEPQEL SPLSATVFPK  
VEHSPGPPPV DKQCQEGGLSE NSAYRWTVVK TEEGRQALEP LPQGIQESLN NSSPGDLEEV  
VKMEPEDATE EISGFL **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:	<p>Key Benefits:</p> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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Target Details

Target:	YY1AP1
Alternative Name:	YY1AP1 (YY1AP1 Products)
Background:	<p>YY1-associated protein 1 (Hepatocellular carcinoma susceptibility protein) (Hepatocellular carcinoma-associated protein 2),FUNCTION: Associates with the INO80 chromatin remodeling complex, which is responsible for transcriptional regulation, DNA repair, and replication (PubMed:27939641). Enhances transcription activation by YY1 (PubMed:14744866). Plays a role in cell cycle regulation (PubMed:17541814, PubMed:27939641).</p> <p>{ECO:0000269 PubMed:14744866, ECO:0000269 PubMed:17541814, ECO:0000269 PubMed:27939641}.</p>
Molecular Weight:	87.9 kDa

## Target Details

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UniProt: [Q9H869](#)

## Application Details

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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

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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