

Datasheet for ABIN7564630

## Anillin Protein (AA 1-1121) (His tag)



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### Overview

Quantity:	1 mg
Target:	Anillin (ANLN)
Protein Characteristics:	AA 1-1121
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Anillin protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

### Product Details

Purpose:	Custom-made recombinat Anln Protein expressed in mammalian cells.
Sequence:	<p>MDPFTEKLLR RTRARRENLR RKMAERPTAV ARSAPHAKRG REPLSEASNQ QQPLPGGEEK</p> <p>SCTKPSPSKK RCSDKIEVGA PDLENTPID VAKPCSPMPA PRQAKPPAPA AISESVAAPA</p> <p>ALLSADRGLN SGSEASATSS VKTRMQRLAE QRRHWSDLT DDVSESSYFA PVPTEDKAAS</p> <p>PSKPPISNAS ATPVGRRGRL ANLAATICSW EDDVSHSSAK QNSVQEQPGT ACLSKSSSAS</p> <p>GASASINSSS VQGEATCCSP RDGNASVRKD PSSNAAHGPL LSASVSSSVK ASSPVTAATF</p> <p>ITENREAQNP ELLHKTASPL KTEARKPCEK PTLSQGAQPK EEANREVCLQ SQSKDKLATP</p> <p>GGRGIKPFLE RFGERCQEHK KESPSYRASH KTPNITPNTK AIQERLFKQN TCSSTTHLAQ</p> <p>QLKQEREKEL ACLRGRLDKG NLWSAEKNEK SRSKHLETQK EVHCQNTPLK KHQTVASTPL</p> <p>TSVTDKVAEN EPAVKLSSTE PAGSTESEMT KSSPLKITLF LEEKSLKVA SDLEVEQNTE</p> <p>AVREVMSVD DEDINSSRVI NDIFSDVLEE GELDVEKSQE EMDQVGAENS EEQEDALNIS</p> <p>SMSLLAPLAQ TVGVVSLNV ISSPPSELRD SNLSAASPKP GKFQRTRVPR AESADSLGSE</p>

DRDLLYSIDA YRSQRFKETE RPSIKQVIVR KEDVTSKLGE KKNVFSGQVN IKQKMQLNN  
DINLQQTVIY QASQALNCCV DEEHGKGSLE EAEAERLLLI ATEKRALLID ELNKLKSEGP  
QRRNKTSVIS QSEFAPSKGS VTLSEICLPL KADFVCSTAQ KTDASNYYYL IMLKAGAEQM  
VATPLASTAN SLSGDALTFP TTFTLHDVSN DFEINIEVYS LVQKKDSLGP DKKKKASKSK  
AITPKRLITS ITSKSSLHSS VMASPGGLGA VRTSNFTLVG SHTLSLSSVG DTKFALDKVP  
FLSPLEGHIC LKISCQVNSA VEEKGFLTIF EDVSGFGAWH RRWCVLSGNC ISYWTYPDDE  
RRKNPIGRIN LANCISHQIE PANREFCARR NTLELITVRP QREDDRETLV SQCRDTLCVT  
KNWLSADTKE ERDLWMQKLN QVIVDIRLWQ PDACYKPVGK P **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
Grade:	custom-made

Target Details

Target:	Anillin (ANLN)
Alternative Name:	Anln ( <a href="#">ANLN Products</a> )
Background:	Anillin,FUNCTION: Required for cytokinesis. Essential for the structural integrity of the cleavage furrow and for completion of cleavage furrow ingression. Plays a role in bleb assembly during

## Target Details

metaphase and anaphase of mitosis. May play a significant role in podocyte cell migration.  
{ECO:0000250|UniProtKB:Q9NQW6}.

Molecular Weight: 122.8 kDa

UniProt: [Q8K298](#)

## 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