

Datasheet for ABIN7552249

Anillin Protein (AA 1-1124) (His tag)



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Overview

Quantity:	1 mg
Target:	Anillin (ANLN)
Protein Characteristics:	AA 1-1124
Origin:	Human
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:	MDPFTEKLLR RTRARRENLR RKMAERPTAA PRSMTHAKRA RQPLSEASNQ QPLSGGEEKS CTKPSPSKKR CSDNTEVEVS NLENKQPVES TSAKSCSPSP VSPQVQPQAA DTISDSVAVP ASLLGMRRGL NSRLEATAAS SVKTRMQKLA EQRRRWDNDD MTDDIPESSL FSPMPSEEKA ASPPRPLLSN ASATPVGRRG RLANLAATIC SWEDDVNHSF AKQNSVQEQP GTACLSKFSS ASGASARINS SSVKQEATFC SQRDGDASLN KALSSSADDA SLVNASISSS VKATSPVKST TSITDAKSCE GQNPPELLPKT PISPLKTGVS KPIVKSTLSQ TVPSKGELSR EICLQSQSKD KSTTPGGTGI KPFLERFGER CQEHSKESPA RSTPHRTPII TPNTKAIQER LFKQDTSSST THLAQQLKQE RQKELACLRG RFDKGNIWSA EKGNSKSKQ LETKQETHCQ STPLKKHQGV SKTQSLPSTE KVTENQIPAK NSSTEPKGFT ECEMTKSSPL KITLFLEEDK SLKVTSDPKV EQKIEVIREI EMSVDDDDIN SSKVINDLFS DVLEEGELDM EKSQEEMDQA LAESSEEQED ALNISSMSLL APLAQTGVGV SPESLVSTPR LELKDTSRSD ESPKPGKFQR TRVPRAESGD

Product Details

SLGSEDRDLL YSIDAYRSQR FKETERPSIK QVIVRKEDVT SKLDEKNNAF PCQVNIQKM
QELNNEINMQ QTVIYQASQA LNCCVDEEHG KGSLEEAEAE RLLLIATGKR TLLIDELNKL
KNEGPQRKNK ASPQSEFMPS KGSVTLSEIR LPLKADFCVS TVQKPDAANY YYLIILKAGA
ENMVATPLAS TSNSLNGDAL TFTTTFTLQD VSNDFEINIE VYSLVQKKDP SGLDKKKKTS
KSKAITPKRL LTSITTKSNI HSSVMASPGG LSAVRTSNFA LVGSYTLSLS SVGNTKFVLD
KVPFLSSLEG HIYLIKICQV NSSVEERGFL TIFEDVSGFG AWHRRWCVLS GNCISYWTP
DDEKRKNPIG RINLANCTSR QIEPANREFC ARRNTFELIT VRPQREDDRE TLVSQCRDRL
CVTKNWLSAD TKEERDLWMQ KLNQVLVDIR LWQPDACYKP IGKP **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.
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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 (ANLN Products)
Background:	Anillin,FUNCTION: Required for cytokinesis (PubMed:16040610). Essential for the structural integrity of the cleavage furrow and for completion of cleavage furrow ingression. Plays a role

Target Details

in bleb assembly during metaphase and anaphase of mitosis (PubMed:23870127). May play a significant role in podocyte cell migration (PubMed:24676636).
{ECO:0000269|PubMed:10931866, ECO:0000269|PubMed:12479805, ECO:0000269|PubMed:15496454, ECO:0000269|PubMed:16040610, ECO:0000269|PubMed:16357138, ECO:0000269|PubMed:23870127, ECO:0000269|PubMed:24676636}.

Molecular Weight: 124.2 kDa

UniProt: [Q9NQW6](#)

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