

Datasheet for ABIN7550498

Paxillin Protein (PXN) (AA 1-591) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Paxillin (PXN)
Protein Characteristics:	AA 1-591
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Paxillin protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat PXN Protein expressed in mammalian cells.
Sequence:	MDDL DALLAD LESTTSHISK RPVFLSEETP YSYPTGNHTY QEIAVPPPVP PPPSSEALNG TILDPLDQWQ PSSSRFIHQQ PQSSSPVYGS SAKTSSVSNP QDSVGSPCSR VGEEEHVYSF PNKQKSAEPS PTVMSTSLGS NLSELDRLLL ELNAVQHNP GFPADEANSS PPLPGALSPL YGVPETNSPL GKGAGPLTKE KPKRNGGRGL EDVRPSVESL LDELESSVPS PVPITVNQG EMSSPQRVTS TQQQTRISAS SATREDELMSLSDFKIQQ LEQRADGERC WAAGWPRDGG RSSPGGQDEG GFMAQGKTGS SSPPGGPPKP GSQLDSMLGS LQSDLNKLGV ATVAKGVCGA CKKPIAGQVW TAMGKTWHPE HFVCTHCQEE IGSRNFFERD GQPYCEKDYH NLFSPRCYYC NGPILDKVVT ALDRTWHPEH FFCAQC GAFF GPEGFHEKDG KAYCRKDYFD MFAPKCGGCA RAILENYISA LNTLWHPECF VCRECFTPFV NGSFFEHDGQ PYCEVHYHER RGSLSGSGCQK PITGRCITAM AKKFHPEHFV CAFCLKQLNK GTFKEQNDKP YCQNCFLKLF C 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.

Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

Grade:

custom-made

Target Details

Target:

Paxillin (PXN)

Alternative Name:

PXN ([PXN Products](#))

Background:

Paxillin,FUNCTION: Cytoskeletal protein involved in actin-membrane attachment at sites of cell adhesion to the extracellular matrix (focal adhesion). Recruits other proteins such as TRIM15 to focal adhesion. {ECO:0000269|PubMed:25015296}.

Molecular Weight:

64.5 kDa

UniProt:

[P49023](#)

Pathways:

[MAPK Signaling](#), [EGFR Signaling Pathway](#), [Response to Growth Hormone Stimulus](#), [Cell-Cell Junction Organization](#), [Maintenance of Protein Location](#), [CXCR4-mediated Signaling Events](#), [Signaling Events mediated by VEGFR1 and VEGFR2](#), [Signaling of Hepatocyte Growth Factor Receptor](#), [VEGF Signaling](#)

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
