

Datasheet for ABIN7549679

NEXN Protein (AA 1-675) (His tag)



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Overview

Quantity:	1 mg
Target:	NEXN
Protein Characteristics:	AA 1-675
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NEXN protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat NEXN Protein expressed in mammalian cells.
Sequence:	<p>MNDISQKAEI LLSSSKPVPK TYVPKLGKGD VKDKFEAMQR AREERNQRRS RDEKQRRKEQ</p> <p>YIREREWNRK KQEIEMLAS DDEEDVSSKV EKAYVPKLTG TVKGRFAEME KQRQEEQRKR</p> <p>TEEERKRRIE QDMLEKRRIQ RELAKRAEQI EDINNTGTES ASEGDDSL ITVVPVKS YK</p> <p>TSGKMKKNFE DLEKEREKE RIKYEEDKRI RYEEQRPSLK EAKCLSLVMD DEIESEAKKE</p> <p>SLSPGKLKLT FEELERQRQE NRKKQAEAAA RKRLEEEKRA FEEARRQMVN EDEENQDTAK</p> <p>IFKGYRPGKL KLSFEEMERQ RREDEKRKAE EEARRRIEEE KKAFAEARRN MVVDDDDSPEN</p> <p>YKTISQEFLL PGKLEINFEE LLKQKMEEEE RTEEERKHK LEMEKQEFEE LRQEMGEEEE</p> <p>ENETFGLSRE YEELIKLKRS GSIQAKNLKS KFEKIGQLSE KEIQKKIEEE RARRRAIDLE</p> <p>IKEREAENFH EDDVDVVRPA RKSEAPFTHK VNMKARFEQM AKAREEEEQR RIEEQKLLRM</p> <p>QFEQREIDAA LQKKREEEEEE EGSIMNGST AEDEEQTRSG APWFKKPLKN TSVVDSEPVR</p> <p>FTVKVTGEPK PEITWWFEGE ILQDGEDYQY IERGETYCLY LPETFPEDGG EYMCKAVNNK</p>

GSAASTCILT IESKN **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">• 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). <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>
Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	NEXN
Alternative Name:	NEXN (NEXN Products)
Background:	Nexilin (F-actin-binding protein) (Nelin),FUNCTION: Involved in regulating cell migration through association with the actin cytoskeleton. Has an essential role in the maintenance of Z line and sarcomere integrity. {ECO:0000269 PubMed:12053183, ECO:0000269 PubMed:15823560, ECO:0000269 PubMed:19881492}.
Molecular Weight:	80.7 kDa
UniProt:	Q0ZGT2

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies
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Application Details

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