

Datasheet for ABIN7558255
NEXN Protein (AA 1-607) (His tag)



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Overview

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| Quantity: | 1 mg |
| Target: | NEXN |
| Protein Characteristics: | AA 1-607 |
| Origin: | Mouse |
| 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

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| Purpose: | Custom-made recombinat Nexn Protein expressed in mammalian cells. |
| Sequence: | <p>MNDVSQKAEI KEMLASDDEE ESSPKIEKAY VPKLTGTVKG KFDEMEKHRQ EEQRKRTEEE</p> <p>RKRRIEQDLL EKRKIQRELA KRAEQIEDIN NTGTESASEE GDDSLITVV PAKSYKTPGK</p> <p>TKDPEDLDRE EGNRTNHEE DKMRYEEECR VLKEAKCLSL VMDDTEAKK ESHFPGKLKS</p> <p>TFEELERQRQ ENRKKQAEIE ARRRLEEERR SFEEARRHMV NEEDENQDRE TVFKEYRPGK</p> <p>LKLSFEEIER QRREDEKRKA EEEARRRIEE EKAFAEARR SMVLDDDSPE IYKTVSQESL</p> <p>TPGKLEINFE QLLRQKMEEE RRRTEEEERRH KLEMEKQFE QLRQEMGKEE EENESFGLSR</p> <p>EYEELIKLR SGSIQAKNLK SKFEKIGQLS KEVQKKIEE ERAKRAIDL EIKEREAENF</p> <p>HEDDDVDVRP AKKSESPFTH KVMKARFEQ MAKAREEEEQ RRIEEQKLLR MQFEQKEIDA</p> <p>ALQKKREDEE EEEGSIVNGS TTEDEEQTRS GAPWFKKPLR NTSVVDSEPV RFTVKVTGEP</p> <p>KPEITWWFEG EILQDGEDYQ YIERGETYCL YLPETFPEDG GEYMCKAVNN KGSAASTCIL</p> <p>TIEMDDY Sequence without tag. The proposed Purification-Tag is based on experiences</p> |

Product Details

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.

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| 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

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|-------------------|---|
| Target: | NEXN |
| Alternative Name: | Nexn (NEXN Products) |
| Background: | Nexilin (F-actin-binding protein),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:0000250}. |
| Molecular Weight: | 72.1 kDa |
| UniProt: | Q7TPW1 |

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. |
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Application Details

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 |