

Datasheet for ABIN7550409
NUP93 Protein (AA 1-819) (His tag)



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Overview

Quantity:	1 mg
Target:	NUP93
Protein Characteristics:	AA 1-819
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NUP93 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant NUP93 Protein expressed in mammalian cells.
Sequence:	MDTEGFGELL QQAEQLAAET EGISELPHVE RNLQEIQQAG ERLRSRTLTR TSQETADVKA SVLLGSRGLD ISHISQRLES LSAATTFEPL EPVKDTDIQG FLKNEKDNAL LSAIEESRKR TFGMAEEYHR ESMLVEWEQV KQRILHTLLA SGEDALDFTQ ESEPSYISDV GPPGRSSLDN IEMAYARQIY IYNEKIVNGH LQPNLVDLCA SVAELDDKSI SDMWTMVKQM TDVLLTPATD ALKNRSSVEV RMEFVRQALA YLEQSYKNYT LVTVFGNLHQ AQLGGVPGTY QLVRSFLNIK LPAPLPLQD GEVEGHPVWA LIYYCMRCGD LLAASQVNR AQHQLGEFKT WFQEYMNSKD RRLSPATENK LRLHYRRALR NNTDPYKRAV YCIIGRCDVT DNQSEVADKT EDYLWLKLNQ VCFDDDGTSS PQDRLTLSQF QKQLLEDYGE SHFTVNQQPF LYFQVFLTA QFEAAVAFLF RMERLRCHAV HVALVLFELK LLLKSSGQSA QLLSHEPGDP PCLRRNLNFVR LLMLYTRKFE STDPREALQY FYFLRDEKDS QGENMFLRCV SELVIESREF DMILGKLEND GSRKPGVIDK FTSDTKPIIN KVASVAENKG LFEEAAKLYD LAKNADKYLE LMNKLLSPVV PQISAPQSNK ERLKNMALS I AERYAQGIS ANKFVDSTFY LLLDLITFFD EYHSGHIDRA FDIERLKLKLV

Product Details

PLNQESVEER VAAFRNFSDE IRHNLSEVLL ATMNILFTQF KRLKGTSPSS SSRPQRVIED
RDSQLRSQAR TLITFAGMIP YRTSGDTNAR LVQMEVLMN **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.**

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: NUP93

Alternative Name: NUP93 ([NUP93 Products](#))

Background: Nuclear pore complex protein Nup93 (93 kDa nucleoporin) (Nucleoporin Nup93),FUNCTION: Plays a role in the nuclear pore complex (NPC) assembly and/or maintenance (PubMed:9348540). May anchor nucleoporins, but not NUP153 and TPR, to the NPC. During renal development, regulates podocyte migration and proliferation through SMAD4 signaling (PubMed:26878725). {ECO:0000269|PubMed:15229283, ECO:0000269|PubMed:15703211, ECO:0000269|PubMed:26878725, ECO:0000269|PubMed:9348540}.

Target Details

Molecular Weight: 93.5 kDa

UniProt: [Q8N1F7](#)

Application Details

Application Notes: We expect the protein to work for functional studies. 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