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Datasheet for ABIN7550275
NUP37 Protein (AA 1-326) (His tag)

Overview

Quantity:	1 mg
Target:	NUP37
Protein Characteristics:	AA 1-326
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NUP37 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant NUP37 Protein expressed in mammalian cells.
Sequence:	MKQDASRNAA YTVDCEDYVH VVEFNPFENG DSGNLIAYGG NNYVVIGTCT FQEEEEADVEG IQYKTLRTFH HGVRVDGIAW SPETRLDSL PVIKFCTSAA DMKIRLFTSD LQDKNEYKVL EGHTDFINGL VFDPKEGQEI ASVSDDH TCR IWNLEGVQTA HFVLHSPGMS VCWHPEETFK LMVAEKNGTI RFYDLLAQQ A ILSLESEQVP LMSAHWCLKN TFKVGAVAGN DWLIWDITRS SYPQNKRPVH MDRACLFRWS TISENLFATT GYPGKMASQF QIHHLGHPQP ILMGSAVAVGS GLSWHRTLPL CVIGGDHKLL FWVTEV 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:

Product Details

- 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)
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Grade:	custom-made
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Target Details

Target:	NUP37
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Alternative Name:	NUP37 (NUP37 Products)
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Background:	Nucleoporin Nup37 (p37) (Nup107-160 subcomplex subunit Nup37),FUNCTION: Component of the Nup107-160 subcomplex of the nuclear pore complex (NPC). The Nup107-160 subcomplex is required for the assembly of a functional NPC. The Nup107-160 subcomplex is also required for normal kinetochore microtubule attachment, mitotic progression and chromosome segregation. {ECO:0000269 PubMed:17363900, ECO:0000269 PubMed:30179222}.
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Molecular Weight:	36.7 kDa
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UniProt:	Q8NFH4
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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.
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Restrictions:	For Research Use only
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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