

Datasheet for ABIN7549995
NUBP2 Protein (AA 1-271) (His tag)



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Overview

Quantity:	1 mg
Target:	NUBP2
Protein Characteristics:	AA 1-271
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NUBP2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat NUBP2 Protein expressed in mammalian cells.
Sequence:	MEAAAEPGNL AGVRHILVL SGKGGVGKST ISTEALALR HAGKKGILD VDLGSPSIPR MLGAQGRAVH QCDRGWAPVF LDREQSISLM SVGFLLKPD EAVVWRGPKK NALIKQFVSD VAWGELDYLVDTPPGTSDE HMTIEALRP YQPLGALVVT TPQAVSVGDV RRELTFCRKT GLRVMGIVEN MSGFTCPHCT ECTSVFSRGG GEELAQLAGV PFLGSVPLDP ALMRTLEEGH DFIQEFPGSP AFAALTSIAQ KILDATPACL P 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: <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.

Product Details

- 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
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Grade:	custom-made
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Target Details

Target:	NUBP2
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Alternative Name:	NUBP2 (NUBP2 Products)
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Background:	Cytosolic Fe-S cluster assembly factor NUBP2 (Nucleotide-binding protein 2) (NBP 2),FUNCTION: Component of the cytosolic iron-sulfur (Fe/S) protein assembly (CIA) machinery. Required for maturation of extramitochondrial Fe-S proteins. The NUBP1-NUBP2 heterotetramer forms a Fe-S scaffold complex, mediating the de novo assembly of an Fe-S cluster and its transfer to target apoproteins. Negatively regulates cilium formation and structure. {ECO:0000250 UniProtKB:Q9R061, ECO:0000255 HAMAP-Rule:MF_03039}.
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Molecular Weight:	28.8 kDa
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UniProt:	Q9Y5Y2
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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.
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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