

Datasheet for ABIN7556181
NUBP2 Protein (AA 1-275) (His tag)



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Overview

Quantity:	1 mg
Target:	NUBP2
Protein Characteristics:	AA 1-275
Origin:	Mouse
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 mammalien cells.
Sequence:	MEAAAGERAE PGNLAGVRHI ILVLSGKGGV GKSTISTELA LALRHQGKKV GILDVDLCGP SIPHMLRAQG KAVHQCDNGW VPVFVDQEQS ISLMSVGFL ENPDEAVVWR GPKKHALIKQ FVSDVAWGQL DYLVVDTPPG TSDEHMATME ALRPYRPLGA LVTTPQAVS IGDVRRELTF CKKTGLQVIG VIENMSGFTC PHCAECTNVF SSGSGEELAR LAGVPFLGSV PLDSQLTRSL EEGRDFIQEF PKSTAYSALT SIAQRVVHRM SALCS 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 (PubMed:23807208). {ECO:0000255 HAMAP-Rule:MF_03039, ECO:0000269 PubMed:23807208}.
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Molecular Weight:	29.5 kDa
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UniProt:	Q9R061
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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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Application Details

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