

Datasheet for ABIN7549621
N4BP3 Protein (AA 1-544) (His tag)



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Overview

| | |
|-------------------------------|----------------------------------------------|
| Quantity: | 1 mg |
| Target: | N4BP3 |
| Protein Characteristics: | AA 1-544 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This N4BP3 protein is labelled with His tag. |

Product Details

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| Purpose: | Custom-made recombinant N4BP3 Protein expressed in mammalian cells. |
| Sequence: | <p>MATAPGPAGI AMGSVGSLLR RQDFSPEELR AALAGSRGSR QPDGLLRKGL GQREFLSYLH LPKKDSKSTK NTKRAPRNEP ADYATLYYRE HSRAGDFSKT SLPERGRFDK CRIRPSVFKP TAGNGKGFSL MQSLASHKGQ KLWRSNGSLH TLACHPPLSP GPRASQARAQ LLHALSLDEG GPEPEPSLSD SSSGGSFGRS PGTGSPSFSS SLGHLNHLGG SLDRASQGPK EAGPPAVLSC LPEPPPPYEF SCSSAEEMGA VLPETCEELK RGLGDEEDGSN PFTQVLEERQ RLWLAELKRL YVERLHEVTQ KAERSERNLQ LQLFMAQQEQ RRLRKELRAQ QGLAPEPRAP GTLPEADPSA RPEEEARWEV CQKTAEISLL KQQLREAQAE LAQKLAEIFS LKTQLRGSRA QAQAQDAELV RLREAVRSLQ EQAPREEAPG SCETDDCKSR GLLGEAGGSE ARDSAEQLRA ELLQERLRGQ EQALRFEQER RTWQEEKERV LRYQREIQGG YMDMYRRNQA LEQELRALRE PPTPWSPRLE SSKI</p> <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.</p> |

Product Details

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: N4BP3

Alternative Name: N4BP3 ([N4BP3 Products](#))

Background: NEDD4-binding protein 3 (N4BP3),FUNCTION: Plays a positive role in the antiviral innate immune signaling pathway. Mechanistically, interacts with MAVS and functions as a positive regulator to promote 'Lys-63'-linked polyubiquitination of MAVS and thus strengthens the interaction between MAVS and TRAF2 (PubMed:34880843). Also plays a role in axon and dendrite arborization during cranial nerve development. May also be important for neural crest migration and early development of other anterior structures including eye, brain and cranial cartilage (By similarity). {ECO:0000250|UniProtKB:A0A1L8GXY6, ECO:0000269|PubMed:34880843}.

Molecular Weight: 60.5 kDa

UniProt: [O15049](#)

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
