

Datasheet for ABIN7556183
NEK3 Protein (AA 1-511) (His tag)



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Overview

| | |
|-------------------------------|---|
| Quantity: | 1 mg |
| Target: | NEK3 |
| Protein Characteristics: | AA 1-511 |
| Origin: | Mouse |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This NEK3 protein is labelled with His tag. |
| Application: | Western Blotting (WB), SDS-PAGE (SDS) |

Product Details

| | |
|-----------|--|
| Purpose: | Custom-made recombinat Nek3 Protein expressed in mammalian cells. |
| Sequence: | <p>MDNYTVLRVI GQGSFGRALL VLQESSNQTF AMKEIRLLKS DTQTSRKEAV LLAKMKHPNI</p> <p>VAFKESFEAE GYLYIVMEYC DGGDLMQRIK QKKGKLPED TILNWFIIQC LGVNHIIHKRR</p> <p>VLHRDIKSKN VFLTHNGKVK LGDFGSARLL SSPMAFACTY VGTPYYVPPE IWENLPYNNK</p> <p>SDIWSLGCIL YELCALKHPF QANSWKNLIL KICQGPPIHPL PALYSCKLQG LVKQMLKRNK</p> <p>SHRPSATTLL CRGSLAPLVP KCLPPQIIRE YGEQILDEIK ISTPKNMKKQ DSNRVRRALG</p> <p>EANSASMQUEE ERGRKCSHTE LESTGTTPAG NALERAARGN PESGNPQEHG RHTSPASPHR</p> <p>PWWERHGPSS NVEALEKASI LTSSFTAEDD RGGSVIKYEE NARRQWVREP PEALLSMLKD</p> <p>ADLSQAFQTY TIYRPGAEGF LKGPLSEDTA SDSVDGDLDS VMLDPERFEP RLDEEDTDFE</p> <p>EDNENPDWVS ELKKHVG YGD GPGGQLLGER A Sequence without tag. The proposed</p> <p>Purification-Tag is based on experiences with the expression system, a different complexity</p> <p>of the protein could make another tag necessary. In case you have a special request, please</p> |

Product Details

contact us.

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, Western Blot

Grade:

custom-made

Target Details

Target:

NEK3

Alternative Name:

Nek3 ([NEK3 Products](#))

Background:

Serine/threonine-protein kinase Nek3 (EC 2.7.11.1) (Never in mitosis A-related kinase 3) (NimA-related protein kinase 3),FUNCTION: Protein kinase which influences neuronal morphogenesis and polarity through effects on microtubules. Regulates microtubule acetylation in neurons. Contributes to prolactin-mediated phosphorylation of PXN and VAV2. {ECO:0000269|PubMed:19509051}.

Molecular Weight:

57.5 kDa

UniProt:

[Q9R0A5](#)

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

Application Details

| | |
|---------------|-----------------------|
| | 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 |