

Datasheet for ABIN7549783  
**NEK5 Protein (AA 1-708) (His tag)**



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## Overview

Quantity:	1 mg
Target:	NEK5
Protein Characteristics:	AA 1-708
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NEK5 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

## Product Details

Purpose:	Custom-made recombinat NEK5 Protein expressed in mammalian cells.
Sequence:	MDKYDVIKAI GQGAFGKAYL AKGKSDSKHC VIKEINFEKM PIQEKEASKK EVILLEKMKH PNIVAFFNSF QENGRLFIVM EYCDGGDLMK RINRQRGVLF SEDQILGWV FV QISLGLKHIH DRKILHRDIK AQNIFLSKNG MVAKLGDFGI ARVLNNSMEL ARTCIGTPYY LSPEICQNKP YNNKTDIWSL GCVLYELCTL KHPFEGNNLQ QLVLKICQAH FAPISPGFSR ELHSLISQLF QVSPDRPSI NSILKRPFL E NLIPKYLTPE VIQEEFSHML ICRAGAPASR HAGKV VQKCK IQKVR FQGKC PPRSISVPI KR NAILHRNE WRPPAGA QKA RSIKMIERPK IAAVCGHYDY YYAQLDMLRR RAHKPSYHPI PQENTGV EGY GQETR HGPSP SQWPAEYLQR KFEAQ QYK LK VEKQLGLRPS SAEPNYNQ RQ ELRSNGEEPR FQELPFRKNE MKEQEYWKQL EEIRQQYHND MKEIRKKMGR EPEENSKISH KTYLVKKSNL PVHQDASEGE APVQMEFRSC CPGWSAMARS WLTATSASQD IEKDLKQ MRL QNTKESKNPE QKYKAKKG VK FEINLDKCIS DENILQEEEE MDIPNETLTF EDGMKFKEYE CVKEHGDYTD KAFEKLHCPE AGFSTQTVAA VGNRRQWDGG

APQTLLQMMA VADITSTCPT GPDSSESVLSV SRQEGTKDP YSPVLILM **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:	<p>Key Benefits:</p> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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Target Details

Target:	NEK5
Alternative Name:	NEK5 ( <a href="#">NEK5 Products</a> )
Background:	Serine/threonine-protein kinase Nek5 (EC 2.7.11.1) (Never in mitosis A-related kinase 5) (NIMA-related protein kinase 5)
Molecular Weight:	81.4 kDa
UniProt:	<a href="#">Q6P3R8</a>
Pathways:	<a href="#">Regulation of Actin Filament Polymerization</a>

## 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