

Datasheet for ABIN7558289
NEK5 Protein (AA 1-627) (His tag)



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Overview

Quantity:	1 mg
Target:	NEK5
Protein Characteristics:	AA 1-627
Origin:	Mouse
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:	<p>MDNFHLIKII GEGTFGKVYL AKDKSESSHC VIKESLTKE KEASKNEVIL LARMEHPNIV</p> <p>TFFSSFQENG RLFIVMEYCD GGDLMQRIQR QRGVMFSEDQ ILCWFVQISL GLKHIHDRKI</p> <p>LHRDIKSQNI FLSKNGMVAK LGDFGTARTL NDSMELAQTC AGTPYYLSPE ICQNRPYNNK</p> <p>TDIWSLGCVL YELCTLKHPF ESNNFHHLVL KICQGRVAPI SPHFSRDLQS LIPQLFRVSP</p> <p>QDRPSVTSLL KRPFLETIA RSLYPEVCSR RIQSHAHMEN MAIGPTACWR VSPWSAAYLQ</p> <p>RKFEAQQYKL KVERQLGLRP SSVEPHPNEG EKLQSHWEET KFQELQYRKN KMKDQEYWKQ</p> <p>LEEIRQQYHN DMKEIKKKMG RELKRVVKE ISLDKCISEE DTVQENEAVD KLNATLSFED</p> <p>GTKFQEHRCK EEHEDYTDRA FEELCGPEAE GFFQDVIAAE NRRQWDAGAP HTLLRIMAMA</p> <p>DVTSTCPTMP DDGQVIVMEG SVENGKQWWL DVPGTPCALA AECACSGSLS ASKGETVMIK</p> <p>PQLPKEDQEK VEIATGIMVD DEQLEPGSDE DDIKFEESED ELRSEIESL EKLAASTEAA</p> <p>EQAPSSSKNA EEPGEKEKTN LPVKKLQ Sequence without tag. The proposed Purification-Tag</p>

Product Details

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">• 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). <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 (NEK5 Products)
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:	71.8 kDa
UniProt:	Q7TSC3
Pathways:	Regulation of Actin Filament Polymerization

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
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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