

Datasheet for ABIN7565175
NRK Protein (AA 1-1455) (His tag)



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Overview

Quantity:	1 mg
Target:	NRK
Protein Characteristics:	AA 1-1455
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NRK protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Nrk Protein expressed in mammalian cells.
Sequence:	MAGPGSWRDK EVTDLGQLPD PTGIFSLDKA IGLGTYGRIF LGIHEKTGSL VAVKVMSARK TPLPEIGRRV RVNKYQKSVG WRYSDEEEDL RTELNLLRKY SFHKNIVTFY GAFFKLNPPG HQHQLWMVME LCAAGSVTDV VRMTRNQSLK EDWIAYICRE ILQGLAHLHA HQVIHRDIKG QNVLLTHDAE VKIVDFGVSA QVSRTNGRRN SFIGTPYWMA PEVIHCDEDP RCSYDYRSDV WSVGITAIEM AEGAPPLCKL QPLEALCVIL REAAPKVKSS GWSRKFQNFN ENCMIKNFLF RPTSGNMLLH PFVHDIKNER RVVESLTKHL TGIIQKREKK GIPVAFEGEE AAEQYITRR FRGPSTPEL LRVPTSSRCR PLRVLHGEPQ QPRWLPDQED PQDQELQQLQ KAAGVFMPLH SQDNLSKLFP KQVEVAPYLR GAAQVVMPLV VQVEAPPQVS KAAQMLKSLP TQDNKATSPE VQAPVAEGQQ AQHEALETEQ PKDLDDQVPEE FQGQDRAPEQ PRQGQAAEQQ QIHNPVPEQP PEEDREPEQA EVQEEAVEPP QAEIEDKEPE VVQVHAQVLL PLLSQNRHVL LPLHLDRQLL IPVGEQNEEV PRAQAWDLEA SRAVGAVQAL IEGLSRDLLR APNAFVTKPL GPLQIFLENL

STDGFYTEPE PTQKKKSKVA SLRKAIKRL RPKRFRKAL WRLEDFEFSV VETSRRRRHR
RWEDIFNQHE EQLRRVENDR EDDSSDNDEV FHSIQAEVQI EPHAANPAGN EVHERSAPMP
CNRNRTHRVK FSPSVGEEEP SLEEAQPPQQ QQQPMNIRPR NCLNPQNFQA QSDSSSEEDS
PVTRRSQSS PPYSTIDQKL LIDIHVPDGF KVGKISPPVY LTNEWVGYNL LSEIFWDDWI
MPTRPARPPE EDGDYVELYD ADANANGDEE VANGAYEDPR DGANGHDDMN NQLDQANGYE
GHGAAGYNGG DVGGNHGAAF NGPRANYPRA GILKNGHNDG RALNRGAFGV FGDNAARAFH
GAAGEAGAAF GNHGANRGNG RGNRNREANG RNEENGAFGR DQHVFPFEFH EESDRGTETS
DSIALEITSF DGEQNSGRPVS STTMGFPIG RSSPRGSDFG SDISYNSPIL HVYEKDFSSE
VYCGSLWGVN LLLGTQSHLY LMDRSGKAEI VKLIKRRPFR QIQVVEQLNL LITISGKKNR
LRVYHLSWLR NKILNNDPKS KKRQKAMRKK EEACKAIDKL IGCEHFSVLQ HEETTYIAVA
VKSSIHLFAW APKSFDETA IKVFPTRDLK PLTVDLAVGS ETKLKIFFSS ANGYHIIDAE
SEVMSEVTLP NNNVVILPDC LGLGVMLSLN AEAASEEANE QLLKKILDVW KDIPSSVAFE
CTKRITGWDQ KAIEVRSLQS TILENELKRR SIKKLRFLCA RGDKMFFAST LSNDHSRVYL
MSLGKLEELH RSYAV **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:

- 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:	NRK
Alternative Name:	Nrk (NRK Products)
Background:	Nik-related protein kinase (EC 2.7.11.1) (Nck-interacting kinase-like embryo specific kinase) (NESK) (NIK-like embryo-specific kinase),FUNCTION: May phosphorylate cofilin-1 and induce actin polymerization through this process, during the late stages of embryogenesis. Involved in the TNF-alpha-induced signaling pathway. {ECO:0000269 PubMed:10801798, ECO:0000269 PubMed:12837278}.
Molecular Weight:	163.6 kDa
UniProt:	Q9R0G8

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.
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