

Datasheet for ABIN7554764
NRK Protein (AA 1-1582) (His tag)



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Overview

Quantity:	1 mg
Target:	NRK
Protein Characteristics:	AA 1-1582
Origin:	Human
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:	MAGPGGWRDR EVTDLGHLPD PTGIFSLDKT IGLGTYGRIY LGLHEKTGAF TAVKVMNARK TPLPEIGRRV RVNKYQKSVG WRYSDEEEDL RTELNLLRKY SFHKNIVSFY GAFFKLSPPG QRHQLWMVME LCAAGSVTDV VRMTSNQSLK EDWIAYICRE ILQGLAHLHA HRVIHRDIKG QNVLLTHNAE VKLVDFGVSA QVSRTNGRRN SFIGTPYWMA PEVIDCEDP RRSYDYRSDV WSVGITAIEM AEGAPPLCNL QPLEALFVIL RESAPTVKSS GWSRKHFHNM EKCTIKNFLF RPTSANMLQH PFVRDIKNER HVESLTRHL TGIKKRQKK GIPLIFEREE AIKEQYTVRR FRGPSCTHEL LRLPTSSRCR PLRVLHGEPS QPRWLPDREE PQVQALQQLQ GAARVFMPLQ ALDSAPKPLK GQAQAPQRLQ GAARVFMPLQ AQVKAKASKP LQMCIKAPPR LRRARVLMPL LQAQVRAPRL LQVQSQVSKK QQAQTQTSEP QDLQDVPEEF QGQDQVPEEQ RQGQAPEQQQ RHNQVPEQEL EQNQAPEQPE VQEQAAPPAQ AETEAEPES LRVNAQVFLP LLSQDHHVLL PLHLDTQVLI PVEGQTEGSP QAQAWTLEPP QAIGSVQALI EGLSRDLLRA PNSNNSKPLG

PLQTLMENLS SNRFYSQPEQ AREKKSQVST LRQALAKRLS PKRFRAKSSW RPEKLELSDL
EARRRRRQRR WEDIFNQHEE ELRQVDKDE DESSDNDEVF HSIQAEVQIE PLKPYISNPK
KIEVQERSPS VPNNQDHAHH VKFSSSVQQR SLLEQAQKPI DIRQRSSQNR QNWLAASESS
SEEESPTGR RSQSSPPYST IDQKLLVDIH VPDGFKVGKI SPPVYLTNEW VGYNALSEIF
RNDWLTAPV IQPPEEDGDY VELYDASADT DGDDDDDESND TFEDTYDHAN GNDDLNDQVD
QANDVCKDHD DDNNKFVDDV NNNYYEAPSC PRASYGRDGS CKQDGYDGSR GKEEAYRGYG
SHTANRSHGG SAASEDNAAI GDQEEHAANI GSERRGSEGD GGKGVVRTSE ESGALGLNGE
ENCSETDGP LKRPASQDFE YLQEEPPGGN EASNAIDSGA APSAPDHESD NKDISESSTQ
SDFSANHSSP SKGSGMSADA NFASAILYAG FVEVPEESPK QPSEVNVNPL YVSPACKKPL
IHMYEKEFTS EICCGSLWGV NLLLGTRSNL YLMDRSGKAD ITKLIRRRPF RQIQVLEPLN
LLITISGHKN RLRVYHLTWL RNKILNNDPE SKRRQEMLK TEEACKAIDK LTGCEHFSVL
QHEETTYIAI ALKSSIHLYA WAPKSFDEST AIKVCIDQSA DSEGDYMSYQ AYIRILAKIQ
AADPVNRFKR PDELLHLLKL KVFTLDHKP VTVDLAIGSE KRLKIFFSSA DGYHLIDAES
EVMSDVTLPK NPLEIIPQN IILPDCLGI GMLTFNAEA LSVEANEQLF KKILEMWKDI
PSSIAFECTQ RTTGWGQKAI EVRSLQSRVL ESELKRRSIK KLRFLCTRGD KLFFTSTLRN
HHSRVYFMTL GKLEELQSNY DV **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),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 (By similarity). {ECO:0000250}.
Molecular Weight:	178.5 kDa
UniProt:	Q7Z2Y5

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