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Datasheet for ABIN7563670

**Nlrp4c Protein (AA 1-982) (His tag)**

## Overview

Quantity:	1 mg
Target:	Nlrp4c (NLRP4C)
Protein Characteristics:	AA 1-982
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Nlrp4c protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

## Product Details

Purpose:	Custom-made recombinat Nlrp4c Protein expressed in mammalian cells.
Sequence:	MASFFSDFGL MWYLEELNKK EFMKFKEFLK QEILQLRLKQ ISWTEVKKAS REDLANLLLK HYEEKKAWDM TFKIFQKMNR KDLMERAGRE IAGHSKLYQA HLKKKLTHDY ARKFNIKVQD FSKQKFTQDD YDRFENFLIS KVTAKKPHMV FLQGAAGIGK SLMLTKLMLA WSEGMVFNQK FSYIFYFCCQ DVKKMKRASL AELISKEWPK TSAPIEDILS QPEKLLFVID NLEVMECDMS ERESELCDTC TEKQPVRILL SLLRRKMLP KSSFLISATP ETFEKMEGRV ECTNVKIVTG FNESNIKMYF RSLFQDKTKT QEIFSLVKEN QQLFTVCQVP VLCWMVATCL KKEIEKGRDL VSVCRRTTSL YTTHIFNLFI PQSAQYPSKE SQAQLQSLCS LAAEGMWTD T FVFGEALRR NGIMDSDIPT LLDVRILEKS KKSEKSYIFL HPSIQEVCAA IFYLLKSHMD HPSQDVKSIE ALIFTFLKKV KVQWIFFGSF IFGLLHESEQ KKLEAFFGHQ LSQEIKRQLY QCLETISGNE ELQEVDGMK LFYCLFEMDD EAFLAQAMNC MEQINFVAKD YSDVIVAHC LQHCSTLKKL SLSTQNVLSE GQEHSYTEKL LMCWHHMCSV LISSKDIYIL QVKNTNLNET ASLVLYSHLM

## Product Details

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YPSCTLKALV VNNVTFLCDN RLFFELIQNQ CLQHLDLNLTL FLSHGDKVLL CDVLSQEECN  
IEKLMVAACN LSPDDCKVFA SVLISSKMLK HLNLSNNLD KGISSLSKAL CHPDCVLKNL  
VLVNCSLSEQ CWDYLSEVLR RNKTLNHLDI SSNDLKDEGL KVLGALSPL DSVLKSLSVR  
YCLITTSQCQ DLAEVLRKNQ NLRNLQVSNN KIEDAGVKLL CDAIKHPNCH LENIGLEACA  
LTGACCEDLA SAFTHCKTLW GINLQENALD HSGLIVLFEA LKQQQCTLHV LGLRITDFDK  
ETQELLMAEE EKNPHLSILS SV **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.**

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### 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.

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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

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### Target:

Nlrp4c (NLRP4C)

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### Alternative Name:

Nlrp4c

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### Background:

NACHT, LRR and PYD domains-containing protein 4C (NALP-alpha),FUNCTION: May be involved in inflammation and recognition of cytosolic pathogen-associated molecular patterns (PAMPs) not intercepted by membrane-bound receptors. {ECO:0000250}.

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### Molecular Weight:

112.7 kDa

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## Target Details

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UniProt: [Q3TKR3](#)

## Application Details

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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

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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