

Datasheet for ABIN7563650

**NLR Family, Pyrin Domain Containing 1B (NLRP1B) (AA 1-906)
protein (His tag)**[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	NLR Family, Pyrin Domain Containing 1B (NLRP1B)
Protein Characteristics:	AA 1-906
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Nlrp1b Protein expressed in mammalian cells.
Sequence:	MEESPPKQKS NTKVAQHEGQ QDLNTRHMN VELKHPKLE RHLKLGMPV VYMKQREEIL YPAQSLKEEN LIQNFTSLPL LQKLCPKDPE NMVRKSWASC IPEEGGHMIN IQDLFGPNIG TQKEPQLVII EGAAGIGKST LARLVKRAWK EGQLYRDHFQ HVFFFSCREL AQCKKLSLAE LIAQGQEVPT APINQILSHP EKLLFILDGI DEPAWVLADQ NPELCLHWSQ RQPVHTLLGS LLGKSILPEA FFLLTTRTTA LQKFIPSLPM PCQVEVLGFS GIEWENYFYK YFANQRHAIT AFMMVESNPV LLTLCEVPWV CWLVCTCLKK QMKQGRVLSL KSQTTTALCL KYLSLTIPDK HRRTQVKALC SLAAEGIWKR RTLFESDLC KQGLDEDAVA TFLKTGVLQK QASSLSYSFA HLCLQEFAA ISCILEDSEE RHGNMEMDRI VETLVERYGR QNLFEAPT VR FLFGLLGKEG VKGMEKLFSC SLPGKTKLKL LWHILGKSQP HQPPCLGLLH CLYENQDMEL LTHVMHDLQG TIVPGPN DIA HTVLQTNVKQ LVVQTDME LM VATFCIQFYC HVRTLQLNME KQQGYALTSP RMVLYRWTP I TNASWEILFY NLKFTRNLEG LDLSGNSLRY SVVQSLCNTL RYPGCQLKTL

Product Details

WLVKCGLTSR YCSLLASVLS AHSSLTELYL QLNDLGDDGV RMLCEGLRNP VCNLSILWLD
LSSLSAQVIT ELRTLEEKNP KLYIRSIWMP HMMVPTENMD EEAILTTFKQ QRQESGDKPM
EILGTEEDFW GPTGPVATEL VDRVRNLYRV QLPMAGSYHC PSTGLHFVVT RAVTIEIEFC
AWSQFLDKTP LQQSHMVVGP LFDIKAEQGA VTAVYLPHFV SLKDTEASTF DFKVTHFQEH
GSRNAR **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:

NLR Family, Pyrin Domain Containing 1B (NLRP1B)

Alternative Name:

Nlrp1b ([NLRP1B Products](#))

Background:

NACHT, LRR and PYD domains-containing protein 1b allele 4,FUNCTION: Probable inactive allele of Nlrp1b, which lacks a CARD domain, suggesting that it is not able to form an inflammasome (PubMed:16429160). Contrary to Nlrp1b allele 1, allele 4 is not activated by B.anthraxis lethal toxin and no other activation signal is reported (PubMed:16429160). {ECO:0000269|PubMed:16429160}.

Molecular Weight:

103.1 kDa

Target Details

UniProt: [Q2LKV2](#)

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