

Datasheet for ABIN7564429
Nlrp4a Protein (AA 1-982) (His tag)



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Overview

Quantity:	1 mg
Target:	Nlrp4a (NLRP4A)
Protein Characteristics:	AA 1-982
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Nlrp4a protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Nlrp4a Protein expressed in mammalian cells.
Sequence:	MASFFSDFGL MWYLEELNKK EFVKFKEFLK QEVLQLGLKQ VSWTEVKKAS RQDLASLLLK HYEEKPAWDM TFRFFQKINR KDLIERAKRE IDGCPKLYRA HMKTKMTHDS SRAFTISIQN FLKEKFTEDD YDCFENLFQS KGTESKPQVV FLSGGAGVGK TLMLKRLMLA WIESPVFLHK FSYIFYFCCR EVKQLKTASL AELISREWPG PSAPIEEILS KPEKLLFIID SLEGMECDLF KWESELCDNC TEKQPVNVLL SLLRRKMLP ESSLLISATP ESFEKMENRI EYTHVKIIGK LKERNIKMSF HRLFQDRNRA HEAFSLVREN EQLFTVCQVP VLCWMVATCL KEEIEKGRDP VSICRCTTSL YTTHIFNLFI PQNAHSPSKK SQDQLQGLCS LAAEGMWTD T FVFGEALRR NGIMSDIPI LLDIGMLINI RESEKSYIFL HPSVQEVCAA IFYLLKSHVD HPSQEVKSIE KLMFAFLKKV KVQWIFFGSF IFGLLHESEQ KKLEAFFGHQ LSQEIQRQLY QCLETISGNE ELQEIQDGMK LFYCLFEMDD DTFLEAMNC MEQINFAKD YSDVIVAAHC LKHCFTLKKL SFSTQNVLSG AQEHSYMERL LTAWNHCYSV FIISKDIQEL RMKDTNLSSES AFSVLYNNLK YHNYTLNVLV ANNVFFVCEK YLFFELIQNC NLQHLNLSLT ILSHSDVKLL CDVLSQAECN

Product Details

IEELVVAACS ISSDDCKVFA SVLISNKTLK HLNLASNTLD KGIASLCKSL CHPDCILEHL
VLANCSLNEK CWDYLSEVLR RNKTLSHLDI SSNDLKDEGL KVLCRALTLP DSVLKSLSLR
HCLITISGCQ DLAEVLRNNQ NLVSLQVSNN KLEDTGVKLL CDAIKHPNCH LEDLGLEACE
LTGACCEDLA STFTQCKTLW AMNLLKNALD YNGLVVLCEA LKQQTCAITYV LGLQITDFDT
ETQAFLVAEQ EKNPCLRILS SL **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.**

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: Nlrp4a (NLRP4A)

Alternative Name: Nlrp4a ([NLRP4A Products](#))

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

Target Details

Molecular Weight: 112.6 kDa

UniProt: [Q8BU40](#)

Application Details

Application Notes: We expect the protein to work for functional studies. 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