

Datasheet for ABIN7564000  
**Nlrp4e Protein (AA 1-978) (His tag)**



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## Overview

Quantity:	1 mg
Target:	Nlrp4e (NLRP4E)
Protein Characteristics:	AA 1-978
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Nlrp4e protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Nlrp4e Protein expressed in mammalian cells.
Sequence:	MASFFSDFGL MWYLEELNKK EFMKFKELLQ QEILQLGLKH ISWTEVKKAS REDLANLLLK HYEEKAWDM TFKIFQKMNR QDLMERAGRE IAGHSKLYQV HLKKLTHDY ARKFNIKDQD SLKQKFTQDD CDHFENLLIS KATGKKPHMV FLQGVAGIGK SLMLTKMLLA WSEGMVFNK FSYIFYFCCQ DVKMKRASL AELISKEWPN ASAPIEEILS QPEKLLFVID NLEVMECDMS EWESELCCDDC MEKQPVNILM SLLRRKMLP ESSFLVSATP ETFEKIEDRI ECTNVKMMAG FNESSIKVYF YSLFQDRNRT QEIFSLVREN EQLFSVCQVP VLCWMVATCL KKEIEKGRDP VSICRRITSL YTTYIFNLFI PHSAQYPSKK SQDQLQGLCS LAAEGMWTDT FVFAEEALRR NGIMSDIST LLDVRILEKS KESEKSYIFL HPSIQEVCAA IFHLLKSHVD HPSQDVKSIE ALIFTFLKKV KIQWIFFGSF IFGLLHESEQ KKLEAFFGHQ LSQEIQRQLY QCLETISGNK ELQEIQDGMK LFYCLFEMDD EAFLPQVMNC MEQIKFVAKD YSDVIVAAHC LQHCSTLKKL SLSTQNILSE GQEHSYTEKL LICWHHVCSV LTSSKDIHVL QVKDTNFNER AFLVLYSHLK YPSCILKVLK VNNVTLLCDN RLLFELIQNQ RLQLLNLSLT FLSHNDVKLL CDVLNQAECN IEKLMVADCN

## Product Details

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LSPDDCKVVFV SVLISSKMLK HLNLSSNNLD KGISSLSKAL CHPDCVLKNL VLAKCSLSEE  
CWHYLSEVLR RNKTLTHLDI SFNDLKDEGL KVLGGALTLP DSVLISLSVR YCLITTSGCQ  
DLAEVLRNNQ NLRNLQISNN KIEDAGVKLL CDAIKHPNCH LENIGLEACA LTGACCEDLA  
SSFTHCKTLL GINLQENALD HSGLVALFEA MKQQQCTVNL RGLRITDFDK ETQEFLMAEK  
EKNPYLSI **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

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Target: Nlrp4e (NLRP4E)

Alternative Name: Nlrp4e ([NLRP4E Products](#))

Background: NACHT, LRR and PYD domains-containing protein 4E (NALP-epsilon),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

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Molecular Weight: 112.5 kDa

UniProt: [Q66X19](#)

## Application Details

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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

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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