

Datasheet for ABIN7554708  
**NLRP14 Protein (AA 1-1093) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	NLRP14
Protein Characteristics:	AA 1-1093
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NLRP14 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant NLRP14 Protein expressed in mammalian cells.
Sequence:	MADSSSSSFF PDFGLLLYLE ELNKEELNTF KLFLKETMEP EHGLTPWNEV KKARREDLAN LMKKYYYPGEK AWSVSLKIFG KMNLKDLCEP AKEEINWSAQ TIGPDDAKAG ETQEDQEAVL GDGTEYRNRI KEKFCITWDK KSLAGKPEDF HHGIAEKDRK LLEHLFDVDV KTGAQPQIV LQGAAGVGKT TLVRKAMLDW AEGSLYQQRF KYVFYLN GRE INQLKERSFA QLISKDWPST EGPIEEIMYQ PSSLLFIIDS FDELNFAFEE PEFALCEDWT QEHPVSFLMS SLLRKVMLPE ASLLVTTRLT TSKRLKQLLK NHHYVELLGM SEDAREEYIY QFFEDKRWAM KVFSSLSNE MLFSMCQVPL VCWAACTCLK QQMEKGGDVT LTCQTTTALF TCYISSLFTP VGGGSPSLPN QAQLRRLCQV AAKGIWMTY VFYRENLRRL GLTQSDVSSF MDSNIIQKDA EYENCYVFTH LHVQEFAAM FYMLKGSWEA GNPSCQPFED LKSLLOQSTSYP KDPHLTQMKC FLFGLLNEDR VKQLERTFNC KMSLKI KSKL LQCMEVLGNS DYSPSQLGFL ELFHCLYETQ DKAFISQAMR CFPKVAINIC EKIHLVSSV CLKHCRCLRT IRLSVTVVFE KKILKTSLPT NTWDGDRITH CWQDLCSVLH TNEHLRELDL YHSNLDKSAM NILHHEL RHP NCKLQKLLLK FITFPDGCQD

## Product Details

---

ISTSLIHNKN LMHLDLKGSD IGDNGVKSLC EALKHPECKL QTLRLESCNL TVFCCLNISN  
ALIRSQLIF LNLSTNNLLD DGVQLLCEAL RHPKCYLERL SLESCGLTEA GCEYLSLALI  
SNKRLTHLCL ADNVLGDGGV KLMSDALQHA QCTLKSLVLR RCHFTSLSS EYLSTSLLNK  
SLTHLDLGSN WLQDNGVKLL CDVFRHPSCN LQDLELMGCV LTNACCLDLA SVILNNPNLR  
SLDLGNNDLQ DDGVKILCDA LRYPCNIQR LGLEYCGLTS LCCQDLSSAL ICKRLIKMN  
LTQNTLGYEG IVKLYKVLKS PKCKLQVLGL CKEAFDEEAQ KLEAVGVSN PHLIKPDCN  
YHNEEDVSWW WCF **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: NLRP14

---

Alternative Name: NLRP14 ([NLRP14 Products](#))

---

Background: NACHT, LRR and PYD domains-containing protein 14 (Nucleotide-binding oligomerization domain protein 5),FUNCTION: May be involved in inflammation and spermatogenesis.

## Target Details

---

Molecular Weight: 124.7 kDa

UniProt: [Q86W24](#)

Pathways: [Inflammasome](#)

## 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