

Datasheet for ABIN7554675  
**NALP8 Protein (AA 1-1048) (His tag)**



[Go to Product page](#)

## Overview

|                               |  |
|-------------------------------|--|
| Quantity:                     | 1 mg   |
| Target:                       | NALP8 (NLRP8)                                |
| Protein Characteristics:      | AA 1-1048                                    |
| Origin:                       | Human  |
| Source:                       | HEK-293 Cells                                |
| Protein Type:                 | Recombinant                                  |
| Purification tag / Conjugate: | This NALP8 protein is labelled with His tag. |

## Product Details

|           |   |
|-----------|---|
| Purpose:  | Custom-made recombinant NLRP8 Protein expressed in mammalian cells.   |
| Sequence: | <p>MSDVNPPSDT PIPFSSSSTH SSHIPPWTFS CYPGSPCENG VMLYMRNVSH EELQRFKQLL<br/>LTELSTGTMP ITWDQVETAS WAEVVHLLIE RFPGRRAWDV TSNIFAIMNC DKMCMVVRRE<br/>INAILPTLEP EDLNVGETQV NLEEGESGKI RRYKSNVMEK FFPIWDITTW PGNQRDDFFYQ<br/>GVHRHEEYLP CLLLPKRPQG RQPKTVAIQG APGIGKTILA KKVMFEWARN KFYAHKRWCA<br/>FYFHCQEVNQ TTDQSFSELI EQKWPQSQDL VSKIMSKPDQ LLLLLDGFEELTSTLIDRLE<br/>DLSEDWRQKL PGSVLLSSLL SKTMLPEATL LIMIRFTSWQ TCKPLLKPCS LVTLPGFNTM<br/>EKIKYFQMYF GHTEEGDQVL SFAMENTILF SMCRVPVVCW MVCSGLKQQM ERGNNLTQSC<br/>PNATSVFVRY ISSLFPTRAE NFSRKIHQAQ LEGLCHLAAD SMWHRKWVLG KEDLEEAKLD<br/>QTGVTAFLGM SILRRIAGEE DHYVFTLVTF QEFFAALFYV LCFPQRLKNF HVLSHVNIQR<br/>LIASPRGSKS YLSHMGLFLF GFLNEACASA VEQSFQCKVS FGNKRKLLKV IPLLHKCDPP<br/>SPGSGVPQLF YCLHEIREEA FVSQALNDYH KVVLRIGNNK EVQVSAFCLK RCQYLHEVEL<br/>TVTTLNFMNVW KLSSSSHPGS EAPESNGLHR WWQDLCSVFA TNDKLEVLTM TNSVLGPPFL</p> |

## Product Details

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KALAAALRHP QCKLQKLLLR RVNSTMLNQG LIGVLTGNQH LRYLEIQHVE VESKAVKLLC  
RVLRSRPRCL QCLRLEDCLA TPRIWTDLGN NLQGNHGLKT LILRKNLEN CGAYYLSVAQ  
LERLSIENCN LTQLTCESLA SCLRQSKMLT HLSLAENALK DEGAKHIWNA LPHLRCPQR  
LVLRKCDLTF NCCQDMISAL CKNKTLKSLD LSFNSLKDDG VILLCEALKN PDCTLQILEL  
ENCLFTSICC QAMASMLRKN QHLRHLDLSK NAIGVYGILT LCEAFSSQKK REEVIFCIPA  
WTRITSFSPT PPHPDFTGKS DCLSQINP **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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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.

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

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Grade: custom-made

## Target Details

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Target: NALP8 (NLRP8)

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Alternative Name: NLRP8 ([NLRP8 Products](#))

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Background: NACHT, LRR and PYD domains-containing protein 8 (Nucleotide-binding oligomerization domain protein 16) (PYRIN and NACHT-containing protein 4),FUNCTION: Involved in

## Target Details

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inflammation. {ECO:0000305}.

Molecular Weight: 119.4 kDa

UniProt: [Q86W28](#)

Pathways: [Inflammasome](#)

## 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