

Datasheet for ABIN7563999
Nlrp4f Protein (AA 1-959) (His tag)



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Overview

Quantity:	1 mg
Target:	Nlrp4f (NLRP4F)
Protein Characteristics:	AA 1-959
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Nlrp4f protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Nlrp4f Protein expressed in mammalian cells.
Sequence:	<p>MAFISDFGL IWYLRELNKK EFMKFKDFLI QEILELKLKQ VSSTKVKKAS REDLANLLLK CGENQAWDMT FRILQKINRK DLTERATGAI VGPNLYRDH LKKKLTHDCP KKFNVRIQDF IKETFIQNDX DAFENLLISK GTERKPHMVF LKGMAGVGKT LMLKNLMLAW SKGLVFQNKF SYAFYFCCQD VKQLKTASLA ELISREWSPS SAPIEEILSQ PEKLLFIIDS LEGMEWDLTK QESELCDDCM EKQPVSTLLS SLLRRKMLPE SLLLLSTTPE TFEKMEDRIQ CTDVKTATAF DERSMKIYFH RLFQDRKRAQ EAFSLVRENK QLFTICQVPL LCWMVATCLK EEIEKGGDPV SLCRRTTSLY TTHIFSLFIP QSAQYPSKKS QDQLQGLCSL AAEGMWTDTF VFGKEALRRN GIFDSDIPTL LDIGMLGKIR EFENSYIFLH PSVQEVCAAI FYMLKRHVEH PSQDVKNIET VLFMFLKVKV TQWIFLGCFI FGLLQKSEQE KLGVFFGHRL SKNIHHKLYQ CLETLSGNAE LQEQIDGMRL FSCLFEMEDE AFLVKAMNCM QQINFAVAKNY SDFIVAAYCL KHCSTLKKLS FSTENVLNEG DQSYMEELLI CWNNMCSVFV RSKDIQELRI KDTNFPNEPAI RVLYESLKYP SFTLNKLVAN NVSFGDNHVL FELIQNSSLQ YLDLSCSFLS HNEVKLLCDI LNQAECNIEK</p>

Product Details

LMIAHCKLSP DDCKIFGSIL MSSKSLKVLN LASNNLNQGI SSLCKALCHP HCTLEYLVPR
SNHCIVNPLL KLSCCGITER GCQDLAEVLK NNQNLKYLHV SYNKLKDTGV MLLCDAIKHP
NCHLKDLQLE ACEITDASNE ELCYAFMQCE TLQTLNLMGN AFEVSRMVFF PRKSELMLFI
FLHLSRLWIT DFDNEFQAFL LSVKKKNHFL TIRGSVEADG EKKGGSDAR TMGELSNEI **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: Nlrp4f (NLRP4F)

Alternative Name: Nlrp4f ([NLRP4F Products](#))

Background: NACHT, LRR and PYD domains-containing protein 4F (NALP-kappa),FUNCTION: Required for cytoplasmic lattice formation, thereby modulates the distribution of organelles during oocyte maturation and zygote development (PubMed:31575650). Required for preimplantation development in female fertility (PubMed:31575650). May be involved in inflammation and

Target Details

recognition of cytosolic pathogen-associated molecular patterns (PAMPs) not intercepted by membrane-bound receptors (By similarity). {ECO:0000250|UniProtKB:Q96MN2, ECO:0000269|PubMed:31575650}.

Molecular Weight: 110.4 kDa

UniProt: [Q66X05](#)

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