

Datasheet for ABIN7564038
NLRP14 Protein (AA 1-993) (His tag)



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Overview

Quantity:	1 mg
Target:	NLRP14
Protein Characteristics:	AA 1-993
Origin:	Mouse
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:	MKTEDDEMEY EASKEETVSE DKDFDDGIDY RTVIKENIFT MWYKTS LHGE FATLNCVITP KDQNL LQHIF DEDIQTSEAP QTVVLQGAAG IGKTTLLKKA VLEWADGNLY QQFTHV FYLN GKEISQVKEK SFAQLISKHW PSSEGP IEQV LSKPSSLLFI IDSFDELDFS FEEPQFALCK DWTQISPVSF LISSLLRKVM LPESYLLVAT RSTAWKRLVP LLQKPQRVKL SGLSKNARMD YIHLLKDKA WATSAIYSLR MNWRLFHMCH VCHMCQMICA VLKGQVEKGG RVEETCKTST ALFTYYICSL FPRIPVGCVT LPNETLLRSL CKAAVEGIWT MKHVLYQQNL RKHEL TREDI LLFLDAKVLQ QDTEYENCYM FTHLHVQEFF AALFYLLREN LEEQDYPSEP FENLYL LLES NHIHDPHLEQ MKCFLFGLLN KDRVRQLEET FNL TISMEVR EELLACLEGL EKDDSSLSQL RFQDLLHCIY ETQDQEFITQ ALMYFQKIIV RVDEEPLRI YSFCLKHCHT LKTMRLTARA DLKNMLDTAE MCLEGAAVQV IHYWQDLFSV LHTNESLIEM DLYESRLDES LMKILNEELS HPKCKLQKLI FRAVDFLNGC QDFTFLASNK KVTHLDLKET DLGVNGLKTL CEALKCKGCK LRVLR LASC D LNVARCQKLS NALQTNRS LV FLNLSLNNLS NDGVKSLCEV LENPNSSLER

Product Details

LALASCGLTK AGCKVLSSAL TSKRRLTHLC LSDNVLEDEG IKLLSHTLKH PQCTLQSLVL
RSCSFTPIGS EHLSTALLHN RSLVHLDLGQ NKLADNGVKL LCHSLQQPHC NLQEELMSC
VLTSKACGDL ASVLVNNSNL WSLDLGHNIL DDAGLNILCD ALRNPCHVQ RLGLENCGLT
PGCCQDLLGI LSNNKSVIQM NLMKNALDHE SIKNLCKVLR SPTCKMEFLA LDKKEILKKK
IKKFLVDVRI NNPHLVIGPE CPNTESGCWW NYF **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 (NALP-iota) (Germ cell specific leucine-rich repeat NTPase),FUNCTION: May be involved in inflammation and spermatogenesis. {ECO:0000250}.

Target Details

Molecular Weight: 113.4 kDa

UniProt: [Q6B966](#)

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